



QUALITY TOOLS
FOR
AUTOMOTIVE
AVIATION
MARINE
INDUSTRIAL
OIL COUNTRY
PLUMBING
RAILROADS
AND
UTILITIES

No. 17-B

PLUMB
TOOLS

PLUMB TOOL COMPANY



MAIN OFFICE AND FACTORY
2209 Santa Fe Avenue
LOS ANGELES, CALIF.

WAREHOUSE STOCKS

NEW YORK, N. Y.
109 WEST 64TH STREET

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000A	62	\$1.90	4	77	1.70	8 $\frac{5}{8}$ x21	51	2.40	13- $\frac{7}{8}$ x12	78	2.10
000B	62	1.90	5 $\frac{1}{16}$	77	1.30	8 $\frac{5}{8}$ x24	51	3.20	13-1x12	78	2.60
000C	62	.30	5 $\frac{1}{2}$	77	1.70	8 $\frac{5}{8}$ x30	51	3.90	13-1 $\frac{1}{2}$ x12	78	3.30
000D	62	1.90	5 $\frac{5}{8}$	77	2.10	8 $\frac{5}{8}$ x30	51	4.70	13-1 $\frac{3}{4}$ x12	78	3.50
000E	62	1.90	5 $\frac{9}{16}$	77	2.50	13- $\frac{1}{4}$ x12	78	.90	13P- $\frac{1}{4}$	78	.60
003 to .040	62	.20	6 $\frac{1}{2}$ x11 $\frac{1}{2}$	79	1.70	13- $\frac{3}{16}$ x12	78	1.00	13P- $\frac{3}{16}$	78	.70
004/6 to			6 $\frac{1}{2}$ x18	79	2.40	13- $\frac{1}{2}$ x12	78	1.10	13P- $\frac{1}{2}$	78	.70
011/13	62	.40	6 $\frac{3}{8}$ x12	79	1.90	13- $\frac{1}{2}$ x12	78	1.20	13P- $\frac{1}{2}$	78	.80
1 P & C	75	15.90	6 $\frac{3}{8}$ x18	79	2.60	13- $\frac{1}{2}$ x12	78	1.30	13P- $\frac{1}{2}$	78	.90
2 P & C	75	8.40	6 $\frac{3}{4}$ x14	79	2.50	13- $\frac{3}{4}$ x12	78	1.50	13P- $\frac{3}{4}$	78	1.00
3 P & C	75	4.80	8 $\frac{5}{8}$ x18	51	2.00	13- $\frac{3}{4}$ x12	78	1.80	13P- $\frac{3}{4}$	78	1.20

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

PRICES ON PAGES
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PLUMB TOOL CO.
LOS ANGELES, CALIFORNIA
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13P-7/8	78	1.50	501/4	74	.50	965/16	75	1.00	1120	40	1.70
13P-1	78	1.90	505/16	74	.60	963/8	75	1.10	1122	40	1.80
141/2x11 1/2	79	1.80	503/8	74	.60	967/16	75	1.20	1125	40	1.90
145/8x9	79	1.60	501/16	74	.70	961/2	75	1.40	1126	40	2.00
145/8x12	79	2.00	501/2	74	.80	965/8	75	1.70	1127	40	2.10
145/8x18	79	2.60	505/8	74	.90	963/4	75	2.00	1130	40	2.10
143/4x14	79	2.60	503/4	74	1.10	96A Set	75	7.90	1131	40	2.30
151/2	74	1.80	50A Set	74	4.20	96B Set	75	9.90	1132	40	3.70
155/8	74	2.20	621/4	77	.60	100	60	.50	1133	40	3.70
18	79	.90	721/4	74	.50	108-3/8x1	80	2.50	1134	40	2.30
19	79	.70	725/16	74	.60	108-1/2x1	80	2.50	1135	40	2.70
20-1/2	80	1.00	723/8	74	.70	108-5/8x1	80	2.50	1136	40	3.00
21-1/2	80 pr. 1.40		721/2	74	.90	109-1/4	80	2.20	1137	40	2.90
23-31/2	79	3.30	725/8	74	1.10	1105/8x1 1/2	80	1.70	1139	40	3.00
23-4	79	3.50	723/4	74	1.50	111 R&L	77 pr. 3.40		1140	40	3.20
27	77	3.30	761/4	74	.50	131-5/8	80	1.50	1141	40	4.00
307/16x15	66	1.50	765/16	74	.60	131-3/4	80	2.00	1145	40	3.60
305/8x 8	74	1.30	763/8	74	.70	136	80	3.30	1147	40	4.20
303/4x12	74	2.20	761/2	74	.90	139	79	3.30	1150	40	4.00
307/8x12	74	2.80	765/8	74	1.10	141	79	5.50	1151	40	4.40
31-5/8	80	1.30	763/4	74	1.50	206	49	3.60	1155	40	4.70
31-3/4	80	1.80	801/4	74	.50	207	49	3.90	1160	40	4.90
33-1/2	80 pr. 1.80		805/16	74	.60	215	49	3.60	1161	40	5.60
33-5/8	80 pr. 2.20		803/8	74	.70	215B	49	.30	1162	40	6.20
33-3/4	80 pr. 2.60		801/2	74	.90	215C	49	1.70	1163	40	7.90
033-1/2	80 pr. 2.20		805/8	74	1.10	215H	49	1.70	1164	40	8.60
033-5/8	80 pr. 2.60		803/4	74	1.50	217	49	3.00	1200A	42	7.60
033-3/4	80 pr. 3.20		863/16	75	.40	218	49	2.50	1200B	42	9.80
351/4	74	.90	861/4	75	.40	226	49	3.50	1200C	42	12.10
361/4	74	1.00	86-5/16	75	.50	227	50	3.30	1200D	42	13.50
365/16	74	1.20	86-3/8	75	.60	228	50	3.30	1200E	42	30.40
363/8	74	1.40	86-7/16	75	.60	235	50	2.20	1200F	42	39.50
361/2	74	1.90	86-1/2x6	75	.70	235B	50	.20	1210	42	1.30
37-1/2	77	.70	86-1/2x8	75	1.10	236	50	2.40	1212	42	1.40
37-5/8	77	.90	86-5/8x6 1/2	75	.90	238	50	2.80	1214	42	1.50
37-3/4	77	1.20	86-5/8x8	75	1.20	240	50	3.30	1216	42	1.70
37-7/8	77	1.70	86-5/8x12	75	1.70	240B	50	.30	1218	42	1.80
38-1/4	78	.70	86-3/4x7	75	1.20	245	50	3.00	1220	42	2.00
385/16	78	.80	86-3/4x8	75	1.40	247	50	3.50	1222	42	2.10
38-3/8	78	.90	86-3/4x12	75	1.90	704	51	1.90	1224	42	2.20
38-1/2	78	1.30	86-7/8x8	75	1.60	706	51	1.90	1226	42	2.30
411/4	74	.50	86-7/8x12	75	2.30	708	51	2.30	1228	42	2.40
413/16	74	.50	86-1x8	75	1.90	710	51	2.90	1230	42	2.60
413/8	74	.60	86-1 1/4x12	75	3.90	712	51	4.10	1232	42	3.20
417/16	74	.70	86A 1/4	75	.50	1036	37	2.10	1234	42	3.90
417/2	74	.80	86A 5/16	75	.70	1041	37	3.70	1236	42	4.50
415/8	74	.90	86A 3/8	75	.80	1045	37	3.70	1240	42	5.50
441/4	74	.50	86A 7/16	75	.90	1051	37	4.30	1301	73	1.70
443/16	74	.60	86A 1/2	75	1.20	1053	37	4.30	1301H	73	.40
443/8	74	.70	86A 5/8	75	1.40	1061	37	5.70	1302	73	1.70
471/4x3 3/2	74	.60	86A 3/4x 8	75	1.90	1063	37	5.90	1304	73	2.00
475/16x1 1/8	74	.70	86A 3/4x12	75	2.30	1066	37	10.20	1304H	73	.40
475/16x5 3/2	74	.70	86A 7/8x 8	75	2.30	1068	37	11.90	1306	73	2.10
473/8x3 1/6	74	.70	86A 7/8x12	75	2.90	1069	37	13.00	1306H	73	.40
477/16x7 3/2	74	.80	86A 1x 8	75	2.60	1100A	41	10.70	1308	73	2.10
471/2x3 1/6	74	.90	86A 1x12	75	3.40	1100B	41	16.30	1308H	73	.50
477/2x1/4	74	.90	86AA Set	75	8.10	1100C	41	24.60	1312	73	2.30
475/8x5/16	74	1.30	86AB Set	75	10.40	1100D	41	14.30	1312H	73	.50
47A Set	74	4.90	86AC Set	75	13.30	1100G	41	31.40	1316	73	2.40
503/16	74	.50	961/4	75	.80	1100J	41	29.70	1316H	73	.50

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1324	73	2.80	2034	46	3.10	2617	38	3.70	2621SW	39	6.40
1324H	73	.60	2034S	46	1.20	2618	38	3.80	2623SW	39	7.30
1332	73	3.00	2056	52	17.70	2620	38	4.00	2624SW	39	7.70
1340H	73	.70	2056A	52	18.30	2621	38	4.40	2626SW	39	8.20
1388	68-73	3.50	2056AK	52	19.70	2623	38	5.30	2627SW	39	8.40
1400C	71	26.20	2056B	52	23.40	2624	38	5.70	2629SW	39	8.60
1400D	71	59.30	2056BK	52	24.80	2626	38	6.20	2630SW	39	8.80
1400E	71	55.30	2056C	52	2.10	2627	38	6.40	2632SW	39	9.00
1400F	71	54.40	2056D	52	31.20	2629	38	6.60	2635SW	39	11.20
1400G	71	67.40	2056DK	52	32.60	2630	38	6.80	2638SW	39	12.40
1400H	71	107.00	2056H	52	3.50	2632	38	7.00	2641SW	39	13.80
1400I	71	137.60	2056J	52	1.70	2635	38	9.20	2644SW	39	15.80
1416	68	5.90	2056K	52-53	4.90	2638	38	10.40	2647SW	39	17.30
1416H	73	.70	2056L	52	1.90	2641	38	11.80	2650SW	39	18.80
1419	68-73	3.50	2056N	52-56	2.90	2644	38	13.80	3000A	45	10.20
1419H	73	3.50	2056P	52	.10	2647	38	15.30	3000B	45	11.10
1421	68	4.20	2056R	52-53	3.10	2650	38	16.80	3000C	45	16.70
1422	68	3.30	2057	53	4.20	2613L	38	5.20	3000D	45	17.90
1424	68	3.70	2057A	53	13.80	2615L	38	5.30	3000E	45	19.50
1425	68	4.00	2057B	53	5.80	2617L	38	5.40	3000F	45	35.20
1426	68	4.50	2057G	53	.40	2618L	38	5.50	3000G	45	39.40
1426H	73	.50	2057L	53	.40	2620L	38	5.70	3000J	45	28.40
1427	68	3.70	2057M	53	.40	2621L	38	6.10	3000K	45	13.70
1428	68	4.00	2057N	53	.40	2623L	38	7.00	3018	44	.80
1429	68	4.50	2075	72	77.00	2624L	38	7.40	3020	44	.90
1429H	73	.70	2099	See 9920		2626L	38	7.90	3021	44	1.00
1430	68-73	3.50	2110	51	3.30	2627L	38	8.10	3025	44	1.10
1432	68	4.20	2116	51	2.10	2629L	38	8.30	3026	44	1.20
1452	69	3.10	2120	51	3.00	2630L	38	8.50	3027	44	1.20
1453	69	5.50	2124	51	4.10	2632L	38	8.70	3030	44	1.40
1454	69	3.00	2126	51	2.80	2635L	38	10.90	3031	44	1.70
1455	69	3.10	2130	51	3.40	2638L	38	12.10	3032	44	1.60
1456	69	3.10	2311	76	1.70	2641L	38	13.50	3034	44	1.70
1457	69	3.10	2312	76	.50	2644L	38	15.50	3035	44	1.80
1458	69	3.10	2335	76	1.70	2647L	38	17.00	3036	44	1.80
1472	69	3.90	2336	76	2.00	2650L	38	18.50	3037	44	1.90
1473	69	2.20	2337	76	1.10	2613R	38	5.20	3038	44	3.70
1474	69	2.50	2370	76	1.30	2615R	38	5.30	3039	44	2.20
1475	69	2.50	2371	76	2.00	2617R	38	5.40	3040	44	2.10
1476	69	2.50	2372	76	2.30	2618R	38	5.50	3041	44	3.00
1501	70	4.40	2380A	76	9.80	2620R	38	5.70	3045	44	3.00
1502	70	3.70	2381	76	2.60	2621R	38	6.10	3046	44	4.50
1505	70	4.40	2382	76	2.60	2623R	38	7.00	3047	44	3.30
1506	70	3.00	2383	76	3.30	2624R	38	7.40	3048	44	5.00
1507	70	7.40	2384	76	3.90	2626R	38	7.90	3050	44	3.60
1508	70	4.20	2401	36	1.30	2627R	38	8.10	3051	44	3.90
1509	70	8.60	2402	36	.70	2629R	38	8.30	3055	44	5.90
1510	70	3.10	2403	36	.50	2630R	38	8.50	3060	44	5.90
1511	70	6.80	2404	36	.70	2632R	38	8.70	3061	44	5.90
1524	70	1.90	2405	36	.80	2635R	38	10.90	3020-S	44	.70
1525	70	3.00	2406	36	1.10	2638R	38	12.10	3025-S	44	.80
1525B	70	.40	2407	36	.80	2641R	38	13.50	3026-S	44	.90
1525S	70	.20	2408	36	.60	2644R	38	15.50	3030-S	44	.90
1725	43	2.20	2410	36	.60	2647R	38	17.00	3031-S	44	1.10
1730	43-66	2.50	2411	36	.40	2650R	38	18.50	3032-S	44	1.10
2000A	63	33.00	2412	36	4.20	2613SW	39	5.50	3035-S	44	1.30
2000B	63	37.20	2413	36	2.80	2615SW	39	5.60	3036-S	44	1.20
2006	63	1.10	2424	36	6.30	2617SW	39	5.70	3037-S	44	1.30
2010	63	2.00	2613	38	3.50	2618SW	39	5.80	3039-S	44	1.40
2011	63	2.00	2615	38	3.60	2620SW	39	6.00	3040-S	44	1.50

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

FACTORY
LOS ANGELES



WAREHOUSE STOCKS IN
NEW YORK—CHICAGO—PITTSBURGH—ATLANTA
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PRICES ON PAGES
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3041-S	44	1.80	4012	55	3.90	4700C	10	14.60	4795	8	.90
3045-S	44	1.90	4014	55	5.00	4700E	10	17.60	4796	8	2.90
3047-S	44	2.10	4015	55	3.50	4700K	10	11.60	5000A	11-14	4.40
3051-S	44	2.80	4016	55	3.60	4700L	10	29.80	5014	11	1.00
3061-S	44	4.50	4017	55	3.80	4700LC	10	44.50	5016	11	1.10
3128-S	43	4.80	4018	55	3.60	4700M	10	45.10	5018	11	1.10
3134-S	43	6.20	4019	55	1.30	4704	8	.50	5018SP	11	1.20
3140-S	43	7.60	4020A	55	16.20	4705	8	.50	5020	11	1.20
3146-S	43	9.30	4020B	55	15.30	4706	8	.50	5022SP	11	1.30
3152-S	43	10.80	4020C	55	21.00	4707	8	.50	5026SP	11	1.40
3200A	9	4.30	4021	55	4.10	4708	8	.50	5112	11	.60
3200B	9	6.30	4022	54-55	1.80	4708S	8	.50	5114	11	.60
3200C	9	8.40	4025	55	2.30	4709	8	.50	5116	11	.70
3200D	9	10.40	4026	55	2.40	4709L	8	.80	5118	11	.70
3210	9	.90	4028	55	2.40	4710	8	.50	5120	11	.80
3211	9	.90	4029	55	.90	4710L	8	.80	5200B	15	28.30
3215	9	.90	4030A	55	39.30	4710S	8	.50	5200D	15	18.70
3216	9	.90	4030B	55	38.00	4711	8	.50	5200E	15	6.90
3220	9	1.00	4040	58	2.80	4712	8	.50	5200F	15	7.80
3221	9	1.00	4040A	58	.70	4714	8	.50	5200H	15-65	37.90
3225	9	1.10	4040J	58	.40	4721	8	.80	5200I	15-67	29.50
3226	9	1.10	4040S	58	.60	4722	8	.90	5200J	15-67	32.50
3250	8	1.10	4040U	58	.70	4723	8	.90	5200K	15	8.50
3400A	46	7.20	4060A	54	11.80	4724	8	1.00	5208	11	.70
3400B	46	9.30	4060B	54	8.00	4726	8	1.20	5208S	11	.70
3400C	46	11.30	4060C	54	8.40	4727	8	1.20	5210	11	.80
3400D	46	7.30	4060D	54	14.10	4728	8	1.30	5212	11	.80
3400E	46	10.00	4061	52-54	2.00	4736	8	.90	5214	11	.80
3400F	46	19.20	4062 (use 4022)	1.90		4739	8	.60	5216	11	.80
3412	46	1.80	4063	54	.60	4740	8	1.00	5218	11	.80
3414	46	1.80	4064 (use 2056P)			4741	8	1.00	5220	11	.90
3416	46	1.80	4065 (use 2056J)			4742	8	.90	5221	11	.90
3418	46	1.90	4066	52-54	1.90	4743	8	.90	5222	11	1.00
3420	46	1.90	4070A	54	16.30	4744	8	1.20	5224	11	1.00
3425	46	1.50	4070B	54	10.60	4745	8	1.30	5235	12	.90
3426	46	1.60	4070C	54	11.20	4746	8	1.20	5236	12	1.00
3430	46	1.70	4070D	54	18.60	4747	8	1.30	5237	12	1.00
3431	46	1.80	4071	52-54	2.80	4748	9	3.80	5240	11	1.20
3435	46	1.90	4410	57	1.60	4748B	9	2.50	5245	12-66	1.70
3440	46	2.00	4415	57	1.70	4748C	9	.20	5246	12	1.10
3632	63	2.00	4418	57	1.80	4748DL	9	.30	5248	13	5.20
3638	63	2.00	4420	57	1.90	4748DR	9	.30	5248B	13	3.40
3640	63	2.10	4422	57	1.90	4748H	9	.04	5248C	13	.30
3642	63	2.10	4423	57	1.90	4748E	9	.40	5248DL	13	.40
3644	63	2.20	4425	57	2.00	4748S	9	.06	5248DR	13	.40
3646	63	2.40	4430	57	2.70	4748W	9	.60	5248H	13	.04
3648	63	2.40	4431	57	2.70	4752	9	.70	5248R	13	.50
4001	56	15.40	4435	57	3.70	4753	9	.70	5248S	13	.06
4001A	56	17.80	4508	58	4.20	4760	9	1.10	5248W	13	.90
4001B	56	4.40	4510	58	4.20	4761	9	1.40	5249	13	5.90
4001C	56	.50	4511	58	1.10	4763	9	1.70	5252	10	.70
4001J	56	1.70	4512	58	1.10	4766	9	2.90	5253	13-18	1.10
4001JT	56	1.70	4520	58	4.40	4766PH	9	.20	5254	13-18	1.10
4001R	56	1.90	4521	58	1.10	4767	9	1.00	5259	13	1.20
4001S	56	3.00	4522	58	1.10	4769	9	1.90	5260	13	1.40
4001T	56	2.40	4532	58	8.50	4770	9	2.50	5261	13	1.70
4001TR	56	15.40	4533	58	1.70	4780	9	2.40	5262	13	2.00
4010A	46	24.90	4534	58	1.70	4785	9	1.40	5263	13	2.50
4010B	46	23.60	4700A	10	8.70						
4011	55	5.50									

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT



PRICES SUBJECT TO
SUBSTANTIAL DISCOUNT

PLUMB TOOL CO.
LOS ANGELES, CALIFORNIA
U. S. A.

PRICES ON PAGES
1 TO 6 INCLUSIVE

Numerical Price List

Catalog No.	Page No.	Price Each	Catalog No.	Page No.	Price Each	Catalog No.	Page No.	Price Each	Catalog No.	Page No.	Price Each
5265	13	3.50	5424	16	1.10	5500J	23	46.60	5758	24	5.40
5266PH	13	.20	5424S	16	1.10	5500K	23	52.60	5760	24	5.90
5270	13	2.60	5425	16	1.10	5500L	23	57.00	5764	24	6.20
5274	11	2.70	5426	16	1.10	5500OC	23	70.00	5770	24	8.00
5275	11	2.70	5426S	16	1.10	5526S	22	1.90	5772	24	8.50
5276	11	2.80	5428	16	1.30	5528	22	1.40	5776	24	10.50
5277	11	2.90	5428S	16	1.30	5528L	22	2.20	5780	24	13.20
5278	11	3.00	5429	16	1.30	5530	22	1.50	5782	24	14.30
5279	11	3.10	5430	16	1.30	5530L	22	2.40	5784	24	15.50
5280	13	2.50	5431	16	1.30	5532	22	1.50	5788	24	17.50
5281	13	2.50	5432	16	1.30	5532L	22	2.50	5794	24	24.00
5282	13	3.50	5432S	16	1.50	5534	22	1.70	5800	24	29.00
5284	13	3.90	5434	16	1.40	5534L	22	2.60	5812	24	34.00
5295	35	3.00	5434S	16	1.90	5536	22	1.80	5848	24	36.90
5297	35	1.50	5436	16	1.70	5536L	22	2.70	5848B	24	27.00
5300A	19	18.60	5438	16-66	1.80	5538	22	1.90	5848C	24	2.50
5300C	19	9.30	5440	16	2.00	5540	22	2.00	5848DL	24	1.50
5300PH	19	.20	5440S	16	2.30	5540L	22	2.90	5848DR	24	1.50
5340	13	1.40	5444	13	1.30	5542	22	2.10	5848H	24	.10
5341	13	1.40	5446	13	1.40	5544	22	2.30	5848R	24	2.50
5343	13	1.50	5448	18	7.40	5544L	22	3.10	5848S	24	.20
5344	13	1.50	5448B	18	5.00	5546	22	2.50	5848W	24	5.50
5345	13	1.50	5448C	18	.40	5546L	22	3.30	5849	24	39.70
5347	13	1.50	5448DL	18	.40	5548	22	3.50	5849W	24	8.30
5348	13	1.70	5448DR	18	.40	5550	22	3.60	5852	24	3.50
5348S	13	1.70	5448H	18	.04	5552	22	3.70	5853	24-22	2.80
5349	13	1.80	5448R	18	.60	5554	22	3.90	5854	24-22	2.80
5351	13	1.90	5448S	14	.06	5556	22	4.00	5855	18	3.50
5352	13	2.00	5448W	14	1.20	5558	22	4.20	5856	18	4.50
5353	13	2.20	5449	14	8.30	5560	22	4.50	5861	24	5.50
5400B	21	30.50	5452	18	.90	5564	22	5.00	5863	24	7.00
5400C	21	10.10	5453	18-22	1.80	5568	22	5.90	5868	24	29.30
5400D	21	16.20	5460	18	1.30	5648	22	17.60	5884	24	2.50
5400G	21	15.00	5461	18	1.60	5648B	22	11.80	5885	24	3.50
5400H	21	10.70	5463	18	2.20	5648C	22	1.10	5895	36	17.70
5400K	21	24.20	5464	18	2.70	5648DL	22	.90	6502	64	2.40
5400L	21	19.90	5466	18	3.90	5648DR	22	.90	6503	64	1.90
5400N	21	35.70	5466PH	18	.50	5648H	22	.06	6505	64	3.90
5400OC	21	51.90	5467	18	5.00	5648R	22	1.20	6506	64	3.20
5400P	21	21.90	5468	18	5.70	5648S	22	.10	6507	64	2.20
5400R	21-65	55.70	5469	18	5.70	5648W	22	2.20	6515	64	4.30
5400SA	13	3.60	5470	18	3.10	5649	22	19.30	6516	64	3.30
5400T	15	51.80	5475	16	3.30	5652	22	1.70	6521	64	2.20
5400V	67	52.90	5476	16	3.40	5653	18-22	1.70	6523	64-65	1.00
5401	19	16.60	5477	16	3.50	5660	22	3.00	6525	64	2.20
5412S	16	.90	5478	16	3.60	5661	22	3.30	6527	64	1.90
5414	16	.90	5479	16	3.70	5663	22	4.10	6528	64	1.40
5414S	16	.90	5480	18	3.50	5668	22	9.90	6537	65	1.90
5416	16	.90	5482	18	3.30	5668PH	22	.80	6538	65	2.10
5416S	16	.90	5485	18	2.40	5670	22	8.50	6539	65	4.30
5418	16	.90	5486	18	2.00	5685	22	4.70	6540	65	1.90
5418S	16	.90	5495	35	3.90	5686	22	3.90	6541	65	3.30
5419	16	.90	5496	35	5.40	5695	36	7.70	6601	67	2.50
5420	16	.90	5497	35	1.50	5700B	25	92.80	6701	66	3.90
5420S	16	.90	5500E	23	97.80	5700C	25	110.50	6707	66	1.30
5421	16	1.00	5500F	23	105.50	5700D	25	123.50	6708	66	1.50
5422	16	1.00	5500G	23	29.50	5700E	25	141.20	6725	66	2.20
5422S	16	1.00	5500H	23	37.20	5700OC	25	158.20	6726	66	2.80
						5752	24	5.00	6728	61	3.70

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT

FACTORY
LOS ANGELES



WAREHOUSE STOCKS IN
NEW YORK—CHICAGO—PITTSBURGH—ATLANTA
KANSAS CITY—DALLAS—PORTLAND, ORE.



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Numerical Price List

Catalog No.	Page No.	Price Each	Catalog No.	Page No.	Price Each	Catalog No.	Page No.	Price Each	Catalog No.	Page No.	Price Each
6730	67	2.50	7475H	17	3.90	9712	59	3.00	US 23	48	7.20
6737	67	1.90	7476H	17	3.90	9714	59	3.90	US 24	48	9.40
7014H	12	1.40	7477H	17	3.90	9722	59	.70	US 33	48	7.70
7016H	12	1.40	7478H	17	4.40	9724	59	.80	US 34	48	8.30
7018H	12	1.50	7479H	17	4.40	9732	59	1.00	US 40	48	9.40
7020H	12	1.50	8100B	37	8.40	9733	59	1.20	US 134	48	1.90
7111	12	2.40	8100C	37	6.60	9741	59	1.30	US 136	48	2.00
7113	12	2.60	8100D	37	5.00	9742	59	1.70	US 138	48	2.20
7115	12	2.90	8180	37	1.10	9743	59	2.10	US 140	48	2.40
7117	12	3.10	8181	37	1.20	9752	60	1.70	US 300	48	2.10
7121	17	2.40	8182	37	1.30	9800B	60	8.80	US 301	48	2.10
7123	17	2.80	8183	37	1.40	9800C	60	4.30	US 301S	48	1.90
7125	17	3.30	8184	37	1.60	9804	60	1.20	US 303	48	2.10
7127	17	4.00	8185	37	1.80	9806	60	1.60	US 304	48	6.10
7128	17	5.00	9090	48	6.60	9822	60	.70	US 512	48	1.10
7131	17	2.60	9091	48	5.50	9832	60	1.00	US 514	48	1.10
7133	17	3.00	9400A	72	3.30	9833	60	1.20	US 515	48	1.20
7135	17	3.50	9406	72	.60	9842	60	1.40	US 516	48	1.20
7212H	12	.80	9408	72	.80	9843	60	1.70	US 518	48	1.30
7214H	12	.80	9410	72	.90	9920	36	3.50	US 520	48	1.30
7216H	12	.80	9412	72	1.00	9969	32	79.00	US 523	48	1.40
7218H	12	.80	9500A	72	8.10	9969A	33	394.60	US 524	48	1.50
7220H	12	.90	9500B	72	22.80	9969C	33	431.90	US 528	48	1.60
7222H	12	1.00	9521	72	1.10	9969F	33	439.60	US 532	48	1.70
7224H	12	1.00	9522	72	1.30	9969P	33	427.70	US 534	48	1.80
7270	12	3.50	9523	72	1.70	9980	34	9.90	US 536	48	2.10
7274H	12	3.60	9524	72	1.90	9989	35	17.30	US 538	48	2.20
7275H	12	3.60	9525	72	2.10	9989D	29	144.40	US 540	48	2.40
7276H	12	4.10	9526	72	3.00	9989E	28	111.40	US 542	48	2.60
7277H	12	4.10	9527	72	3.20	9989F	27	58.80	US 544	48	2.70
7278H	12	4.60	9528	72	3.50	9989G	26	112.10	US 546	48	3.00
7279H	12	4.60	9529	72	5.00	9990	34	31.90	US 548	48	3.30
7316H	17	2.00	9600A	59	8.60	9990A	26	226.40	US 549	48	3.70
7318H	17	2.00	9600B	59	12.50	9990B	26	126.70	US 564	48	4.50
7320H	17	2.40	9604	59	1.70	9999	34	53.70	US 572	48	5.00
7322H	17	2.40	9606	59	2.10	9999A	34	58.70	US 1690	48	12.70
7324H	17	2.40	9608	59	2.50	9999C	31	364.30	US 1691	48	11.60
7326H	17	2.50	9622	59	.80	9999D	31	266.50	US 1820	48	10.90
7328H	17	2.50	9624	59	.90	9999E	31	196.30	US 1830	48	8.70
7330H	17	2.90	9632	59	1.10	BI-8	79	1.10	USN 221	38	11.30
7332H	17	3.00	9633	59	1.40	BI-9	79	1.30	USN 223	38	11.90
7334H	17	3.10	9638	59	2.00	CC	80	3.30	USN 224	38	11.90
7336H	17	3.20	9642	59	2.00	CG 3/4	78	2.20	USN 226	38	12.50
7414H	17	1.10	9643	59	2.50	CG 7/8x12	78	2.40	USN 227	38	12.50
7416H	17	1.10	9651	60	1.10	CG 1x12	78	2.80	USN 229	38	14.00
7418H	17	1.10	9652	60	1.10	CG 1 1/4x12	78	4.10	USN 230	38	14.00
7420H	17	1.10	9671	61	1.30	DRH	36	1.50	USN 232	38	17.30
7422H	17	1.20	9680A	61	8.60	EH2	71-79	5.00	USN 235	38	20.00
7424H	17	1.20	9682	61	1.30	LP1	77	1.30	USN 236	38	22.50
7426H	17	1.40	9684	61	2.10	RL	80 pr.	3.40	USN 238	38	31.30
7428H	17	1.40	9686	61	2.50	TR82	36	10.00	USN 241	38	35.00
7429H	17	1.50	9688	61	2.70	TR83	36	12.00	USN 242	38	40.00
7430H	17	1.50	9700A	59	11.30	US 1	48	13.20	USN 244	38	41.30
7432H	17	1.80	9701	59	.80	US 3	48	8.80	USN 247	38	43.80
7434H	17	1.90	9702	59	1.10	US 7	48	6.60	USN 248	38	43.80
7436H	17	2.00	9704	59	1.40	US 8	48	7.50	USN 250	38	47.50
7440H	17	2.20	9706	59	1.90	US 12	48	4.40	USN 254	38	53.80
7470	17	3.60	9708	59	2.30	US 16	48	1.30	USN 256	38	57.50
7474H	17	3.90	9710	59	2.50						

ALL PRICES SUBJECT TO SUBSTANTIAL DISCOUNT



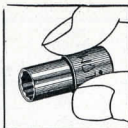
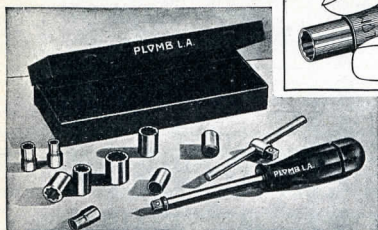
CHART OF STANDARD SIZES

Hexagon—Thread Diam. of Bolts						Size of Bolt H.d. or Nut in Inches	Square—Thread Diam. of Bolts				
U. S. Standard Bolts & Nuts	Cap Screws	S. A. E. Bolts & Nuts	American Standard Bolts & Nuts	Cap Screws	Mfrs. Std. Bolt Heads		U. S. Standard Bolts & Nuts	Cap Screws	U. S. S. or Am. Std. Set Screws	Amer. Std. Bolts & Nuts	Mfrs. Std. Bolt Heads
			0 & 1			$\frac{5}{32}$				0 & 1	
			2 & 3			$\frac{3}{16}$				2 & 3	
			4			$\frac{7}{32}$				4	
$\frac{1}{8}$	$\frac{1}{8}$		5 & 6			$\frac{1}{4}$				5 & 6	
			8			$\frac{9}{16}$				8	
$\frac{3}{16}$	$\frac{3}{16}$		10			$\frac{11}{32}$			$\frac{3}{16}$	10	$\frac{1}{4}$
	$\frac{1}{4}$	$\frac{1}{4}$	12 & $\frac{1}{4}$	$\frac{1}{4}$	$\frac{1}{4}$	$\frac{3}{8}$		$\frac{5}{16}$	$\frac{1}{16}$	12 & $\frac{1}{4}$	$\frac{5}{16}$
$\frac{1}{4}$	$\frac{5}{16}$	$\frac{5}{16}$		$\frac{5}{16}$	$\frac{5}{16}$	$\frac{15}{32}$	$\frac{1}{4}$	$\frac{3}{8}$	$\frac{1}{2}$		
	$\frac{3}{8}$	$\frac{3}{8}$	$\frac{5}{16}$	$\frac{3}{8}$		$\frac{17}{32}$		$\frac{1}{16}$	$\frac{3}{16}$	$\frac{5}{16}$	$\frac{3}{8}$
$\frac{5}{16}$	$\frac{7}{16}$	$\frac{7}{16}$	$\frac{3}{8}$	$\frac{7}{16}$	$\frac{3}{8}$	$\frac{19}{32}$	$\frac{5}{16}$	$\frac{1}{2}$	$\frac{5}{8}$	$\frac{3}{8}$	$\frac{7}{16}$
$\frac{3}{8}$					$\frac{7}{16}$	$\frac{21}{32}$	$\frac{3}{8}$	$\frac{9}{16}$			
	$\frac{1}{2}$	$\frac{1}{2}$	$\frac{7}{16}$	$\frac{1}{2}$		$\frac{23}{32}$		$\frac{5}{8}$	$\frac{3}{4}$	$\frac{7}{16}$	$\frac{1}{2}$
$\frac{1}{2}$	$\frac{9}{16}$		$\frac{1}{2}$	$\frac{9}{16}$	$\frac{1}{2}$	$\frac{25}{32}$	$\frac{7}{16}$			$\frac{1}{2}$	
$\frac{1}{2}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{9}{16}$	$\frac{5}{8}$	$\frac{9}{16}$	$\frac{27}{32}$	$\frac{1}{2}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{9}{16}$	$\frac{1}{2}$
$\frac{9}{16}$		$\frac{5}{8}$	$\frac{5}{8}$		$\frac{9}{16}$	$\frac{29}{32}$				$\frac{5}{8}$	$\frac{5}{8}$
$\frac{5}{8}$	$\frac{3}{4}$	$\frac{11}{16}$		$\frac{3}{4}$	$\frac{5}{8}$	$\frac{31}{32}$	$\frac{9}{16}$		1		
	$\frac{7}{8}$	$\frac{3}{4}$	$\frac{3}{4}$	$\frac{7}{8}$	$\frac{3}{4}$	1	$\frac{5}{8}$			$\frac{3}{4}$	$\frac{3}{4}$
$\frac{3}{4}$	1	$\frac{7}{8}$	$\frac{7}{8}$	1		$\frac{1 1}{16}$	$\frac{3}{4}$	1	$\frac{1 1}{4}$	$\frac{7}{8}$	$\frac{3}{4}$
$\frac{7}{8}$	$\frac{1 1}{8}$	1		$\frac{7}{8}$	$\frac{7}{8}$	$\frac{1 1}{16}$		$\frac{1 1}{8}$			
	$\frac{1 1}{4}$		1	$\frac{1 1}{8}$	1	$\frac{1 1}{16}$	$\frac{7}{8}$		$\frac{1 1}{2}$	1	1
1	$\frac{1 3}{8}$	$\frac{1 1}{8}$	$\frac{1 1}{8}$	$\frac{1 1}{4}$		$\frac{1 1}{16}$	1			$\frac{1 1}{8}$	$\frac{1 1}{8}$
$\frac{1 1}{8}$		$\frac{1 1}{4}$	$\frac{1 1}{4}$		$\frac{1 1}{8}$	$\frac{1 1}{16}$	$\frac{1 1}{8}$			$\frac{1 1}{4}$	$\frac{1 1}{4}$
$\frac{1 1}{4}$		$\frac{1 3}{8}$			$\frac{1 1}{4}$	$\frac{1 1}{16}$					
$\frac{1 3}{8}$		$\frac{1 1}{2}$	$\frac{1 1}{2}$		$\frac{1 3}{8}$	$\frac{1 1}{16}$	$\frac{1 1}{4}$			$\frac{1 1}{2}$	$\frac{1 1}{2}$
$\frac{1 1}{2}$					$\frac{1 1}{2}$	$\frac{1 1}{16}$	$\frac{1 1}{2}$				$\frac{1 1}{2}$
$\frac{1 3}{4}$			$\frac{1 3}{4}$		$\frac{1 3}{4}$	$\frac{1 1}{16}$	$\frac{1 3}{8}$			$\frac{1 3}{4}$	$\frac{1 3}{4}$
$\frac{3}{2}$			2		$\frac{3}{2}$	$\frac{1 1}{16}$	2			2	
$\frac{2 1}{4}$			$\frac{2 1}{4}$		$\frac{2 1}{4}$	$\frac{1 1}{16}$	$\frac{2 1}{4}$			$\frac{2 1}{4}$	

The "MIGHTY MIDGET" Series

1/4" Square Drive

To meet the increasing demand for small, light tools for present day service work, the Plumb 4700 series now offers the most complete and comprehensive set of midget sockets and attachments on the market.



Standard Sockets

Cat No.	Description	Overall Length	Purpose
4706	3/16" Hexagon	1"	General
4707	7/32" Hexagon	1"	"
4708	1/4" Hexagon	1"	"
4709	9/32" Hexagon	1"	"
4710	5/16" Hexagon	1"	"
4711	11/32" Hexagon	1"	"
4712	3/8" Hexagon	1"	"
4714	7/16" Hexagon	1"	"
4708S	1/4" 8-Point	1"	"
4710S	5/16" 8-Point	1"	"

Extra Deep Sockets

4709L	9/32" Hexagon	2"	} Carburetor. Electrical. Radio, Etc.
4710L	5/16" Hexagon	2"	

See also 4736

Special Sockets

4704	3/16" x 3/8" Oval	1 1/2"	Trico Wipers
4705	7/32" x 9/32" "	1 1/2"	" "
4736	9/32" Hexagon	2 5/8"	Zenith Carb.
4740	1/4" x 3/16" Oval	1 3/16"	Stromberg "
4741	9/32" x 15/64" "	1 3/16"	" "
4742	Spanner Socket		
	9/16" O.D. x 5/16" I.D.	2"	Carter "
*4743	Spanner Socket		
	1/2" O.D. x 5/8" I.D.	1 1/2"	Zenith "

Screw Driver Sockets

*4739	1/4" x .033" Bit	1 5/16"	} General, Carburetor, Electrical, Radio, Etc.
*4744	1/4" x .030" "	1 3/8"	
*4745	3/8" x .040" "	2 1/8"	
*4746	5/16" x .035" "	1 3/4"	
*4747	3/16" x .032" "	3 1/16"	

*Not Replaceable

Boxes

4795	Steel Box. 6 1/4" long x 2 5/8" wide x 1" deep.
4796	Steel Box. 16 1/2" long x 4 5/8" wide x 1 1/8" deep.

See Midget Socket Sets on Page 10

Special Carburetor Spanner

3250 Spanner for Stromberg Vacuum Economizer. (Not replaceable.)

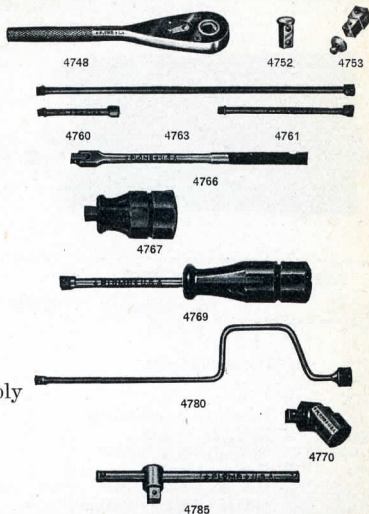


3250

Handles and Attachments

1/4" Square Drive

Cat. No.	Description	Overall Length
4748	Female Reversible Ratchet	5"
4752	1/4" Drive Plug for 4748	
4753	3/32" Drive Plug for 4748	
4760	Extension	3 1/2"
4761	Extension	6"
4763	Extension	14"
4766	Hinge Handle	5 1/2"
4766PH	Pin Handle	4"
4767	Stub Handle—Pyroxylin Grip	2 1/8"
4769	Spin Type Handle	6"
4770	Universal Joint	1 1/8"
4780	Speed Handle	16"
4785	Sliding Bar Handle	4 1/2"



Parts for 4748 Ratchet

4748B	Body	4748H	Cover screw
4748C	Cover	4748R	Reverse assembly
4748DL	Dog—left	4748S	Spring
4748DR	Dog—right	4748W	Wheel—female

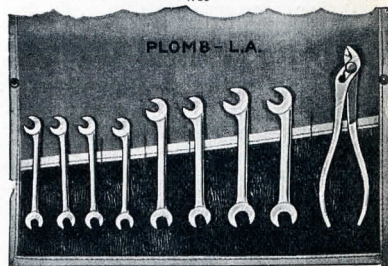
—NOTE—

See Midget Sets on Page 10

Midget Open End Wrenches

15° and 60° Angle Heads

Paired openings, different size each end but with alternate angles on next wrench so all eight openings are provided in both 15° and 60° angles.



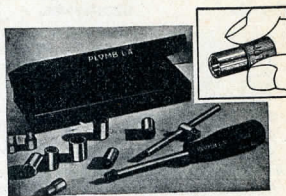
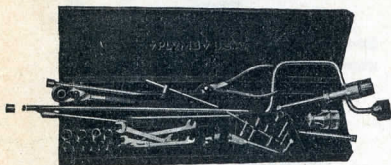
SPECIFICATIONS

SETS

Cat. No.	Ignition System	15° Opening	60° Opening	Head Thickness	Overall Length	3200A	3200B	3200C	3200D
3210	Auto-Lite-Bosch	1 3/64"	1 5/64"	3/32"	3"	X	X	X	X
3211		1 5/64"	1 3/64"	3/32"	3"			X	X
3215	Delco-Remy	7/32"	1/4"	3/32"	3"	X	X	X	X
3216		1/4"	7/32"	3/32"	3"			X	X
3220	Remy-Eisemann	9/32"	5/16"	1/8"	3 1/2"	X	X	X	X
3221		7/16"	9/32"	7/8"	3 1/2"			X	X
3225	German Bosch and General	1 1/32"	5/8"	9/64"	3 3/4"	X	X	X	X
3226		3/8"	1 1/32"	9/64"	3 3/4"			X	X
235	Midget Slip Joint Pliers, 3 Position, Parallel Grip up to 7/16", 5" Overall Length								
2410	Leatherette Roll, 8 5/8" x 12 7/8"—11 Pocket						X		X
2411	Leatherette Roll, 8 1/4" x 6 1/2"—5 Pocket					X	X		X

MIDGET SOCKET AND OPEN END WRENCH SETS

The sets listed below are selections based on experience with what the trade is using. Any item or items not in a particular set but desired may easily be added, and priced accordingly.



PARTS SPECIFICATIONS		SETS						
Cat. No.	Description	4700A	4700C	4700E	4700K	4700L	4700LC	4700M
4704	Trico Wiper Socket							
4705	" " "							
4706	3/16" Hexagon Socket					X	X	X
4707	7/32" " "	X	X	X		X	X	X
4708	1/4" " "	X	X	X		X	X	X
4708S	3/4" Square (8 Point) Socket	X	X	X		X	X	X
4709	9/32" Hexagon Socket	X	X	X		X	X	X
4709L	9/32" Deep Hexagon Socket					X		X
4710	5/16" Hexagon Socket	X	X	X		X	X	X
4710L	5/16" Deep Hexagon Socket				X	X	X	X
4710S	3/16" Square (8 Point) Socket	X	X	X		X	X	X
4711	11/32" Hexagon Socket	X	X	X		X	X	X
4712	3/8" " "	X	X	X		X	X	X
4714	7/16" " "	X	X	X		X	X	X
4736	9/32" Special Zenith Socket				X		X	
4740	Special Stromberg				X		X	
4741	" " "				X		X	
4742	" Carter				X		X	
4743	" Zenith				X		X	
4744	1/4" Screw Driver				X		X	X
4745	5/8" " "				X		X	X
4746	5/16" " "				X	X	X	X
4747	3/16" " "				X		X	
4748	Reversible Ratchet					X	X	X
4752	1/4" Drive Plug					X	X	X
4753	9/32" " "							
4760	3 1/2" Extension					X	X	X
4761	6" " "					X	X	X
4763	14" " "							X
4766	Hinge Handle					X	X	X
4767	Stub					X	X	X
4769	Spin Type	X	X	X		X	X	X
4770	Universal Joint					X	X	X
4780	Speeder					X	X	X
4785	Sliding Bar Handle	X	X	X		X	X	X
*3200B	Open End Wrench Set		X				X	
*3200D	" " "			X				X
3250	Spec. Stromberg Spanner				X		X	
4795	Box	X	X					
4796	"					X	X	X

SPECIAL CARBURETOR JET TOOLS ONLY

*Less Leatherette Roll. See 3200 sets on Page 9.



Regular Cub Sockets $\frac{3}{8}$ Square Drive

Square, Hexagon and 12 Point

Catalog Number	Opening Size	Sq.-Hex. or 12 Pt.	USS Bolt Sizes	Amer. Std. Bolt Size	SAE Bolt Size	Overall Length	Inside Clearance
5208	$\frac{1}{4}$ "	Hex		4		$\frac{7}{8}$ "	$\frac{1}{2}$ "
5208S	$\frac{1}{4}$ "	Square		4		$\frac{7}{8}$ "	$\frac{1}{2}$ "
5210	$\frac{9}{16}$ "	Hex	$\frac{1}{8}$ "	5&6		$\frac{7}{8}$ "	$\frac{1}{2}$ "
5212	$\frac{3}{8}$ "	Hex	$\frac{9}{16}$ "	10		$\frac{7}{8}$ "	$\frac{1}{2}$ "
5214	$\frac{7}{16}$ "	Hex		12& $\frac{1}{4}$ "	$\frac{1}{4}$ "	$\frac{7}{8}$ "	$\frac{1}{2}$ "
5216	$\frac{1}{2}$ "	Hex	$\frac{1}{4}$ "		$\frac{5}{16}$ "	$\frac{7}{8}$ "	$\frac{1}{2}$ "
5218	$\frac{9}{16}$ "	12 Point		$\frac{5}{16}$ "	$\frac{3}{8}$ "	$\frac{15}{16}$ "	$\frac{9}{16}$ "
5220	$\frac{5}{8}$ "	do		$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{15}{16}$ "	$\frac{9}{16}$ "
5221	$2\frac{1}{32}$ "	do				$\frac{15}{16}$ "	$\frac{9}{16}$ "
5222	$1\frac{1}{16}$ "	do	$\frac{3}{8}$ "			1"	$\frac{5}{8}$ "
5224	$\frac{3}{4}$ "	do		$\frac{7}{16}$ "	$\frac{1}{2}$ "	1"	$\frac{5}{8}$ "

Deep Cub Sockets

5014	$\frac{7}{16}$ "	12 Point		12& $\frac{1}{4}$ "	$\frac{1}{4}$ "	2 $\frac{1}{8}$ "	1 $\frac{3}{4}$ "
5016	$\frac{1}{2}$ "	do	$\frac{1}{4}$ "		$\frac{5}{16}$ "	2 $\frac{1}{8}$ "	1 $\frac{3}{4}$ "
5018	$\frac{9}{16}$ "	do		$\frac{5}{16}$ "	$\frac{3}{8}$ "	2 $\frac{1}{8}$ "	1 $\frac{3}{4}$ "
5020	$\frac{5}{8}$ "	do		$\frac{3}{8}$ "	$\frac{7}{16}$ "	2 $\frac{1}{8}$ "	1 $\frac{3}{4}$ "
5112	$\frac{3}{8}$ "	8 Point		10		1 $\frac{1}{2}$ "	1 $\frac{1}{8}$ "
5114	$\frac{7}{16}$ "	do		12& $\frac{1}{4}$ "		1 $\frac{1}{2}$ "	1 $\frac{1}{8}$ "
5116	$\frac{1}{2}$ "	do	$\frac{1}{4}$ "			1 $\frac{1}{2}$ "	1 $\frac{1}{8}$ "
5118	$\frac{9}{16}$ "	do		$\frac{5}{16}$ "		1 $\frac{1}{2}$ "	1 $\frac{1}{8}$ "
5120	$\frac{5}{8}$ "	do		$\frac{3}{8}$ "		1 $\frac{1}{2}$ "	1 $\frac{1}{8}$ "

5000A—Deep Socket Set Inc. 5014-16-18 and 5020. (See P. 14)

Universal Cub Sockets

5274	$\frac{7}{16}$ "	12 Point		12& $\frac{1}{4}$ "	$\frac{1}{4}$ "	1 $\frac{1}{2}$ "	$\frac{3}{8}$ "
5275	$\frac{1}{2}$ "	do	$\frac{1}{4}$ "		$\frac{5}{16}$ "	1 $\frac{1}{2}$ "	$\frac{7}{16}$ "
5276	$\frac{9}{16}$ "	do		$\frac{5}{16}$ "	$\frac{3}{8}$ "	1 $\frac{5}{8}$ "	$\frac{1}{2}$ "
5277	$\frac{5}{8}$ "	do		$\frac{3}{8}$ "	$\frac{7}{16}$ "	1 $\frac{13}{16}$ "	$\frac{9}{16}$ "
5278	$1\frac{1}{16}$ "	do	$\frac{3}{8}$ "			1 $\frac{13}{16}$ "	$\frac{9}{16}$ "
5279	$\frac{3}{4}$ "	do		$\frac{7}{16}$ "	$\frac{1}{2}$ "	1 $\frac{3}{4}$ "	$\frac{9}{16}$ "

Miscellaneous Sockets

10 & 14 m.m. Spark Plug Sockets

Rubber lining ("A" in picture) protects porcelain. Fits accurately; shoulder prevents going on too far.

No.	Hex. Size	For Spark Plug
5018SP	$\frac{9}{16}$ "	AC 10 m.m.
5022SP	$\frac{11}{16}$ "	Champion Auto-Lite, etc., 10 m.m.
5026SP	$\frac{13}{16}$ "	All 14 m.m.

Spark Plug Adaptor Socket

5240—Spanner Socket for 10 m.m. Spark Plug Adaptors; $\frac{3}{8}$ " Square Drive.



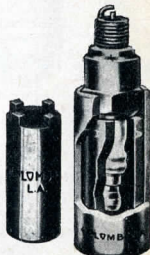
Regular Sockets



Deep Sockets



Universals



No. 5240

No. 5018SP



Regular



Ex. Deep

Regular Cub POWER Sockets 3/8 Square Drive

Catalog Number	Opening Size	Sq. Hex. or 12 Pt.	Size Minimum	Size Maxi'um	Depth Dunched	Overall Length	Outside Dia.	
							Hdle. End	Skt. End
7212H	3/8"	Hex	.381"	.384"	7/16" - 15/32"	1 1/8"	1 1/16"	.560"
7214H	7/16"	do	.446"	.450"	7/16" - 15/32"	1 1/8"	1 1/16"	.650"
7216H	1/2"	do	.509"	.512"	15/32" - 1/2"	1 1/8"	3/4"	.728"
7218H	9/16"	do	.636"	.639"	9/16" - 15/32"	1 3/16"	13/16"	.812"
7220H	5/8"	do	.700"	.704"	9/16" - 15/32"	1 3/16"	7/8"	.875"
7222H	1 1/16"	do	.763"	.767"	15/32" - 7/8"	1 1/4"	1"	1.000"
7224H	3/4"	do	.825"	.828"	15/32" - 5/8"	1 1/4"	1 1/16"	1.062"

Cub Extra Deep Power Sockets

7014H	7/16"	Hex	.446"	.450"	1/2"	2 1/8"	1 1/16"	.660"
7016H	1/2"	do	.509"	.512"	9/16"	2 1/8"	3/4"	.750"
7018H	9/16"	do	.637"	.639"	5/8"	2 1/8"	13/16"	.812"
7020H	5/8"	do	.700"	.704"	5/8"	2 1/8"	7/8"	.875"

Cub Power Universal Sockets and Joints

7274H	7/16"	Hex	.446"	.449"		1 31/32"		
7275H	1/2"	do	.509"	.512"		1 31/32"		
7276H	9/16"	do	.573"	.576"		2 5/32"		
7277H	5/8"	do	.636"	.639"		2 5/32"		
7278H	1 1/16"	do	.700"	.703"		2 5/32"		
7279H	3/4"	do	.763"	.766"		2 5/32"		
7270—Universal Joint 1-29/32" Long, 3/8" Sq. Male and Female Connections.								



Universals



Cub Power Extensions

Cat. No.	Sq. Drive	Hex. Drive	Shank Dia.	Overall Length
7111	3/8"	7/16"	9/16"	2 3/4"
7113	3/8"	7/16"	9/16"	5"
7115	3/8"	7/16"	9/16"	8"
7117	3/8"	7/16"	9/16"	12"

MISCELLANEOUS SOCKETS

Weatherhead Inverted and Double Compression Elbow Sockets

- No. 5235—7/16" Weatherhead 3/16" Elbow Socket.
No. 5236—1/2" Weatherhead 1/4" Elbow Socket.
No. 5237—9/16" Weatherhead 7/16" Elbow Socket.

No. 5246 Cub Screwdriver Socket (Not Replaceable)

No. 5245 Oil Pan Screwdrivers

For Chevrolet—Length 1 1/16"



5235



5236-7



5245



5246

Cub Attachments 3/8" Square Drive

No. 5249—Cub Reversible Ratchet Complete

Reversible at a flip of the trigger. The drive plug is quickly removable, permitting the ratchet to be used female drive if desired. Knurled grip. 5248 is ratchet without adaptor plug No. 5252.

RATCHET PARTS FOR 5249

- 5248-B—Body 5248-DL—Dog—Left
5248-C—Cover 5248-DR—Dog—Right
5248-H—Cover Screw
5248-R—Rev. Assembly
5248-S—Spring
5248-W—Wheel—Female
5252—Flange Drive Plug

Cub Extensions

- 5259—Length 1½", stock ¾". ← 37
5260—Length 3½", stock ¾". ← 43
5261—Length 8", stock ¾". ← 45
5262—Length 12", stock ¾". ← 50
5263—Length 18", stock ¾".

No. 5265—Cub Hinge Handle

Deeply knurled handle. Exceptionally small head. Can be used as an ell, offset, or tee handle. 7½" long.

5266PH—Cub Pin Handle. 5/16" round stock, 7½" long.

No. 5270—Cub Universal Joint

Cub Speed Handles

Ball-bearing knurled grip—to our knowledge, we're the only manufacturer making a ball-bearing speeder. Easier action. ¾" stock; 6" diameter swing.

- No. 5280—18" long No. 5282—24" long
No. 5281—14" long No. 5284—36" long

3/8"x1/2" Adaptors

Increase range of cub and standard sets for use with both ¾" and ½" square drives.

No.	Length	Connections
5253	1½"	¾" Female, ½" Male
5254	1¼"	½" Female, ¾" Male



5249



5259



5259



5270



Extensions



5254



5253



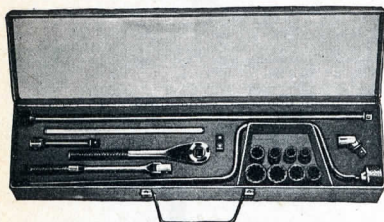
Pin Handle 5266PH

Cub
Speeders

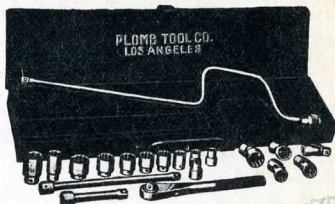
634

CUB $\frac{3}{8}$ SQUARE DRIVE SETS

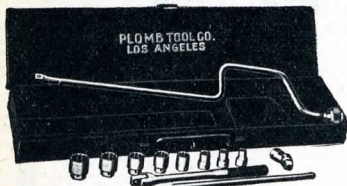
Illustrating a few of the sets. Full specifications and contents are shown on the opposite page. These sets are selected to give the user the best possible assortment that experience can render.



5200 B Cub Set



5200 H Cub Set



5200 D Cub Set

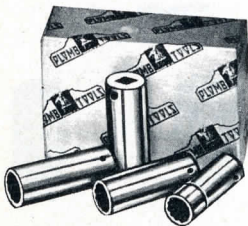


5200 J Cub Set

Special Cub Socket Set

12" Point Extra Deep
 $\frac{3}{8}$ " Drive

No. 5000A



This little set of deep 12 point sockets in the $\frac{3}{8}$ " Drive have won a popular place in every mechanic's tool chest. Used especially where bolts protrude a long distance thru the nut.

Set No. 5000A—Nos. 5014, 16, 18, 20
(4 sockets) Packed in cardboard box.

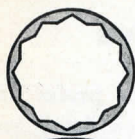
FOR TOOL BOXES SEE PAGES No.'s 34-35

Cub Socket Sets 3/8" Square Drive

The following sets are suggestions only. Some mechanics prefer to make up their own sets from sockets and attachments as listed on pages 11 and 13.

Tool No.	Description	Set No. 5200B	Set No. 5200D	Set No. 5200E	Set No. 5200F	Set No. 5200H	Set No. 5200I	Set No. 5200J	Set No. 5200K
5114	7/16" 8 pt. Deep Socket					x	x	x	
5118	9/16" do					x			
5120	5/8" do						x	x	
5266PH	Pin Handle	x	x						
5208S	1/4" Sq. Socket								x
5208	1/4" Hexagon Socket								x
5210	5/16" do	x	x	x	x				x
5212	3/8" do	x	x	x	x	x			x
5214	7/16" do	x	x	x	x	x	x	x	x
5216	1/2" do	x	x	x	x	x	x	x	x
5218	9/16" 12 pt. Socket	x	x	x	x	x	x	x	x
5220	5/8" do	x	x	x	x	x	x	x	x
5221	21/32" do				x	x			x
5222	11/16" do	x	x	x	x	x	x	x	x
5224	3/4" do	x	x	x	x	x	x	x	x
5235	9/16" Weatherhead Socket								
5236	1/2" do								
5237	11/16" do								
5240	S. P. Adaptor Socket								
5244	Oil Pan Screw Driver								
5245	do						x	x	
5246	Screw Driver Socket					x			
5249	Rev. Ratchet	x				x	x	x	
5253	3/8" F. x 1/2" M. Adaptor								
5254	1/2" F. x 3/8" M. do								
5259	1 1/2" Extension								
5260	3 1/2" do	x				x	x	x	
5261	8" do					x			
5262	12" do								
5263	18" do	x							
5265	7 1/2" Hinge Handle	x	x						
5270	Universal Joint	x	x			x	x	x	
5274	7/16" 12 pt. Univ. Socket								
5275	1/2" do					x	x	x	
5276	9/16" do					x	x	x	
5277	5/8" do					x	x	x	
5278	11/16" do					x			
5279	3/4" do								
5280	18" Speeder	x	x			x	x	x	
5281	14" do								
5282	24" do								
5284	36" do								
5295	Steel Box 1 1/2 x 4 1/4 x 18 1/2	x	x			x		x	
5297	Socket Rack								
		16 Pcs.	13 Pcs.	8 Pcs.	9 Pcs.	21 Pcs.	16 Pcs.	17 Pcs.	10 Pcs.

Standard Sockets 1/2" Square Drive



5414
TO
5440



EX-DEEP



8-POINT



SQUARE



UNIVERSALS

Cat. No.	Opening Size	U.S.S. Bolts & Nuts	Amer. Std. Bolts & Nuts	S.A.E. Bolt Size	Overall Length	Inside Clearance
STANDARD 12 POINT						
5414	7/16			1/4	1 1/4	3/4
5416	1/2	1/4		5/16	1 1/4	3/4
5418	9/16		5/16		1 1/4	3/4
5419	19/32	5/16			1 1/4	3/4
5420	5/8		3/8	7/16	1 1/4	3/4
5421	21/32				1 1/4	3/4
5422	11/16	3/8			1 3/8	7/8
5424	3/4		7/16	1/2	1 3/8	7/8
5425	29/32	7/16			1 3/8	7/8
5426	13/16		1/2		1 3/8	7/8
5428	7/8	1/2	9/16	9/16	1 1/2	1
5429	29/32				1 1/2	1
5430	15/16		5/8	5/8	1 1/2	1
5431	31/32	9/16			1 1/2	1
5432	1			1 1/16	1 1/2	1
5434	1 1/16	5/8		3/4	1 1/2	1
5436	1 1/8		3/4		1 3/4	1 1/4
5438	1 1/4				1 3/4	1 1/4
5440	1 1/4	3/4		7/8	1 3/4	1 1/4

STANDARD 12 POINT EXTRA DEEP						
5340	1/2	1/4		5/16	3 1/4	2 3/4
5341	9/16		5/16	3/8	3 1/4	2 3/4
5343	5/8		3/8	7/16	3 1/4	2 3/4
5344	11/16	3/8			3 1/4	2 3/4
5345	3/4		7/16	1/2	3 1/4	2 3/4
5347	13/16		1/2		3 1/4	2 3/4
5348	7/8	1/2	9/16	9/16	3 1/4	2 3/4
**5348S	7/8	1/2	9/16	9/16	3 1/4	2 3/4
5349	15/16		5/8		3 1/4	2 3/4
5351	1			1 1/16	3 1/4	2 3/4
5352	1 1/16	5/8		3/4	3 1/4	2 3/4
5353	1 1/8		3/4		3 1/4	2 3/4

STANDARD 8 POINT						
5412S	3/8		10		1 1/4	3/4
5414S	7/16		12 & 1/4		1 1/4	3/4
5416S	1/2	1/4			1 1/4	3/4
5418S	9/16		5/16		1 1/4	3/4

STANDARD SQUARE						
5420S	5/8		3/8		1 3/8	7/8
5422S	11/16	3/8			1 1/2	1
5424S	3/4		7/16		1 1/2	1
5426S	13/16		1/2		1 1/2	1
5428S	7/8	1/2	9/16		1 3/4	1 1/4
5432S	1				1 3/4	1 1/4
5434S	1 1/16	5/8			2	1 1/2
5440S	1 1/4		3/4		2	1 1/2

UNIVERSAL SOCKETS 12 POINT						
5475	1/2	1/4		5/16	1 1/16	
5476	9/16		5/16		1 3/4	
5477	5/8		3/8	7/16	1 13/16	
5478	11/16	3/8			2 1/8	
5479	3/4		7/16	1/2	2 1/8	

5470 Universal Joint, Overall Length, 1 13/16 in. See also Page 18.

**Guaranteed for spark plug use only.

Standard Power Sockets

1/2" Square Drive

HEXAGON

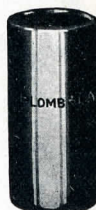
Cat. No.	Opening Size	U.S.S. Bolt & Nuts	Amer. Std. Bolt & Nuts	S.A.E. Bolt Size	Overall Length	Inside Clearance
7414H	7/16		12 & 1/4	1/4	11 1/2	1
7416H	1/2	1/4		3/16	11 1/2	1
7418H	9/16		5/16	3/8	11 1/2	1
7420H	5/8		3/8	7/16	11 1/2	1
7422H	11/16	3/8		1/2	11 1/2	1 1/8
7424H	3/4		7/16	1/2	11 1/2	1 1/8
7426H	13/16		1/2	9/16	11 1/2	1 1/8
7428H	7/8	1/2	9/16	9/16	11 1/2	1 1/4
7429H	29/32				11 1/2	1 1/4
7430H	15/16		5/8	5/8	11 1/2	1 3/8
7432H	1			11/16	11 1/2	1 3/8
7434H	1 1/16	5/8		3/4	2	1 1/2
7436H	1 1/8		3/4		2	1 1/2
7440H	1 1/4	3/4		7/8	2 1/8	1 5/8



7414H
TO
7440H

HEXAGON EXTRA DEEP POWER SOCKETS

7316H	1/2	1/4		5/16	3 1/4	2 3/4
7318H	9/16			3/8	3 1/4	2 3/4
7320H	5/8		3/8	7/16	3 1/4	2 3/4
7322H	11/16	3/8		1/2	3 1/4	2 3/4
7324H	3/4		7/16	1/2	3 1/4	2 3/4
7326H	13/16		1/2	9/16	3 1/4	2 3/4
7328H	7/8	1/2	9/16	5/8	3 1/4	2 3/4
7330H	15/16		5/8	5/8	3 1/4	2 3/4
7332H	1			11/16	3 1/4	2 3/4
7334H	1 1/16	5/8		3/4	3 1/4	2 3/4
7336H	1 1/8		3/4		3 1/4	2 3/4



EX-DEEP

Power Drive UNIVERSAL SOCKETS HEXAGON

7474H	7/16			5/16	1 31/32	
7475H	1/2	1/4		5/16	1 31/32	
7476H	9/16		5/16	7/16	2 3/32	
7477H	5/8		3/8	7/16	2 7/32	
7478H	11/16	3/8		1/2	2 7/32	
7479H	3/4		7/16	1/2	2 7/32	
7470	Universal Joint, 2 7/32" Long, Sq. Male and Female Connections					



Universals

Standard Power Extensions

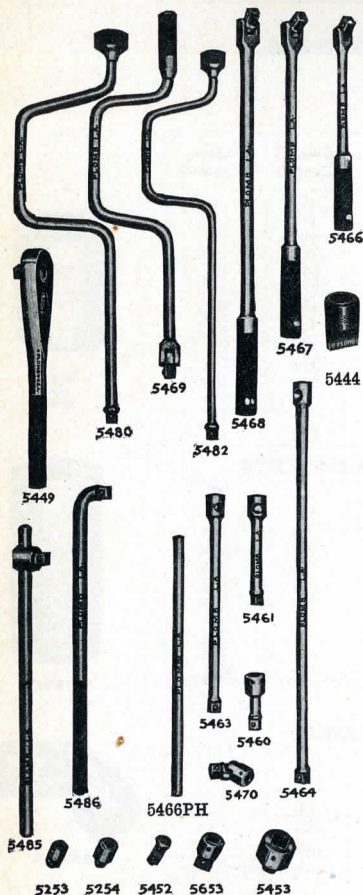


1/2" Square by 7/16" Hexagon Drive

Catalog No.	Shank Dia.	Overall Length
7121	11/16"	2 3/4"
7123	7/16"	5"
7125	7/16"	8"
7127	7/16"	12"
7128	1 1/16"	18"

1/2" Square by 5/8" Hexagon Drive

Catalog No.	Shank Dia.	Overall Length
7131	3/4"	2 3/4"
7133	3/4"	5"
7135	3/4"	8"



Socket Adaptors

Illustrated Directly Above

5253	1/2" Square Male x 3/8" Square Female
5254	3/8" Square Male x 1/2" Square Female
5452	1/2" Square Male x 1/2" Square Male
5453	1/2" Square Male x 3/4" Square Female
5653	3/4" Square Male x 1/2" Square Female

For Sets See Pages Following

Standard Attachments

1/2" Square Drive

No.	Description
5449	1/2" Reversible Ratchet. Length, 10 1/2". Weight, 1 1/2 lbs. Note: If ratchet is wanted without 5452 Plug, order 5448. (All bodies are marked 5449, but this number includes 5452 Drive Plug.)
RATCHET PARTS 5449	
5448B	Body
5448C	Cover
5448DL	Dog, Left
5448DR	Dog, Right
5448H	Cover Screw
5448R	Rev. Assembly
5448S	Spring
5448W	Wheel, Female
5452	Flanged Drive Plug

Extensions

5460	2 1/2" EXTENSION
5461	5" EXTENSION
5463	10" EXTENSION
5464	18" EXTENSION (L.A. Stock Only)

DRAG LINK SCREW DRIVER

*5444	Bit 3/4" wide, length 1 1/8"
*5446	" 1" " " 1 1/8"
*Non-Replaceable.	

Hinge Handles

5466	9 1/2" HINGE HANDLE
5467	15" HINGE HANDLE
5468	18" HINGE HANDLE, 1/2" Female connection in handle.
5466PH	PIN HANDLE, 11 1/2" long, 1/2" stock.
5469	SPEED HINGE HANDLE. Ball-bearing grip, 5/16" stock; 16" long; 7" diameter swing.
5470	UNIVERSAL JOINT. Only 1 1/4" over all length.
5480	SPEED HANDLE. 18" long. 1/2" stock, with ball-bearing knurled grip; 8" diameter swing.
5482	SPEED HANDLE. 18" long, 3/8" stock, with ball-bearing knurled grip; 6" diameter swing.
5485	SLIDING BAR HANDLE. 14" long. Very handy to use as tee or offset. Friction ball holds plug at any point on bar
5486	ELL HANDLE. 14" long, with deep-ly knurled grip

PLUMB TORKER

No. 5401

THE IDEAL MEASURING WRENCH

Length 19"

Wt. 1 1/4 lbs.

1/2" Square Drive
Satin Finish

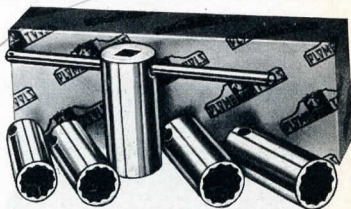
Plumb considered accuracy the prime factor in presenting the Plumb Torker. Plumb engineering proclaims the Plumb Torker to be the most accurate tool of its kind, regardless of make or price.

The Plumb Torker functions perfectly in accordance with the law of deflection without interference because it has no moving parts and is frictionless. It has two reading dials, one sure to be visible, no matter what position it is used.

Extra Deep 1/2" Sq. Drive Socket Sets

Each set selected to furnish the user with the most popular openings, for general all around requirements. Each set packed in cardboard box. The contents of the sets are shown by the x opposite the socket number.

Socket No.	Opening	Inside Clearance	Set No. 5300A	Set No. 5300C*
5340	1/2"	2 3/4"	x	
5341	9/16"	2 3/4"	x	
5343	5/8"	2 3/4"	x	
5344	11/16"	2 3/4"	x	
5345	3/4"	2 3/4"	x	
5347	13/16"	2 3/4"	x	x
5348S	7/8"	2 3/4"	x	x
5349	15/16"	2 3/4"	x	x
5351	1"	2 3/4"	x	x
5352	1-1/16"	2 3/4"	x	
5353	1-1/8"	2 3/4"	x	x
5300PH	Pin Hdle.		x	x

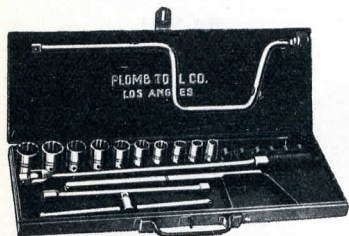


Illustrating a Typical Plumb
Deep Socket Set

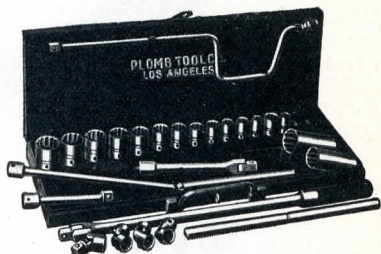
*Especially selected for spark plug service.

Standard 1/2" Drive Sets

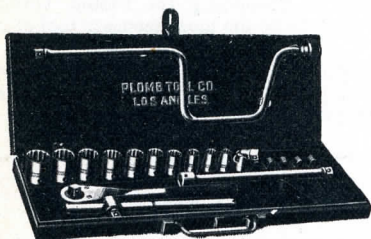
Illustrated below are a few of the sets. Specification and listings are found on the opposite page.



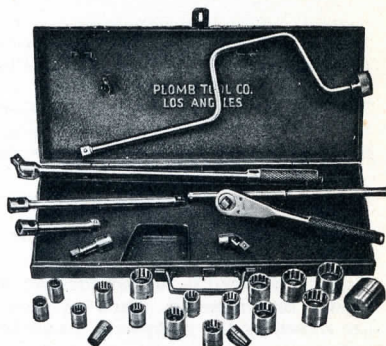
Illustrating Set No. 5400B. For details of contents see table on opposite page.



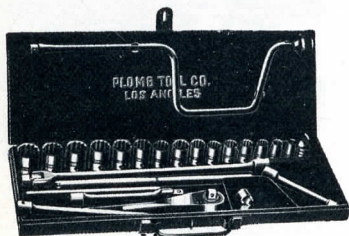
A general utility set No. 5400R. Specifications are shown on opposite page.



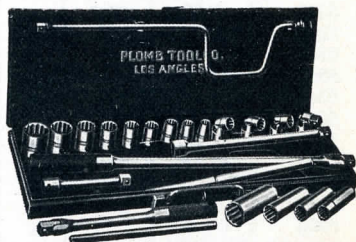
Specifications of the No. 5400N Set shown above are listed on next page.



A set especially selected for U.S.S. bolt sizes Set No. 5400-OC.



The No. 5400T Set is a very popular set for contents, see listing on next page.



Set No. 5400V. A very complete set. Specifications on following page.

Standard Socket and Attachment Sets---1/2" Square Drive

Tool No.	Description	Set. No. 5400B	Set. No. 5400C	Set. No. 5400D	Set. No. 5400G	Set. No. 5400H	Set. No. 5400K	Set. No. 5400L	Set. No. 5400N	Set. No. 5400OC	Set. No. 5400P	Set. No. 5400R	Set. No. 5400T	Set. No. 5400-V
5341	9/16" 12 pt. Deep Socket													x
5343	5/8" do													x
5345	3/4" do													x
5349	15/16" do											x		
5351	1" do													x
5353	1 1/8" do											x		
5412S	3/8" 8 pt. Sq. Socket													
5414S	7/16" do											x		
5416S	1/2" do													
5418S	9/16" do											x		
5414	7/16" 12 pt. Socket	x	x	x	x	x	x	x	x	x	x	x	x	x
5416	1/2" do	x	x	x	x	x	x	x	x	x	x	x	x	x
5418	9/16" do	x	x	x	x	x	x	x	x	x	x	x	x	x
5419	19/32" do				x					x	x		x	
5420	5/8" do	x	x	x	x	x	x	x	x	x	x	x	x	x
5421	21/32" do				x		x			x	x	x	x	
5422	11/16" do	x	x	x	x	x	x	x	x	x	x	x	x	x
5424	3/4" do	x	x	x	x	x	x	x	x	x	x	x	x	x
5425	25/32" do				x					x	x		x	
5426	13/16" do	x		x	x	x	x	x	x	x	x	x	x	x
5428	7/8" do	x		x	x	x	x	x	x	x	x	x	x	
5429	29/32" do													
5430	15/16" do	x		x	x	x	x	x	x	x	x	x	x	x
5431	31/32" do				x					x	x		x	
5432	1" do	x		x	x	x	x	x	x	x	x	x	x	x
5434	1 1/16" do									x	x	x	x	x
5436	1 1/8" do									x	x			
5438	1 3/16" do									x	x			
5440	1 1/4" do									x	x			
5444	3/4" Drag Link Se. Driver												x	
5449	Rev. Ratchet								x	x			x	
5460	2 1/2" Extension									x				
5461	5" do									x				
5463	10" do	x							x	x				
5466	9 1/2" Hinge Handle		x									x	x	x
5466PH	12" Pin Handle	x	x	x			x	x		x		x	x	x
5467	15" Hinge Handle			x										
5468	18" do	x					x	x				x	x	x
5469	16" Hinged Speeder													
5470	Universal Joint								x	x		x	x	x
5475	1 1/2" 12 Pt. Univ. Socket											x		x
5476	9/16" do											x		x
5477	5/8" do											x		x
5480	18" Speed Handle	x							x	x			x	
5482	18" do					x						x		x
5485	14" Slid. Bar	x							x					
5295	Steel Box 1 1/2"x4 1/4"x18 1/2"						x	x						
5495	do 1 3/4"x7 3/4"x19									x				
5496	5495 Box with 5497 Socket Rack	x							x			x	x	x
6523	9/16" Con Rod Socket											x		
		16 Pcs	8 Pcs	12 Pcs	14 Pcs	10 Pcs	15 Pcs	13 Pcs	16 Pcs	27 Pcs	18 Pcs	28 Pcs	25 Pcs	25 Pcs

Heavy Duty Sockets and Attachments, $\frac{3}{4}$ " Sq. Drive



5528 to
5568



5528L to
5564L



Adaptors

Catalog No.		12 pt. Opening	SAE Bolt Size	U. S. S. Bolt Size	Amer. Std. Bolt Size	Overall Length Stand-ard	Overall Length Ex. Deep	Inside Clear-ance Stand-ard	Inside Clear-ance Ex. Deep
Standard Length	Extra Deep								
5528	5528L	$\frac{7}{8}$ "	$\frac{9}{16}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{13}{16}$ "	$\frac{31}{32}$ "	1"	$\frac{21}{16}$ "
5530	5530L	$\frac{15}{16}$ "	$\frac{5}{8}$ "		$\frac{5}{8}$ "	$\frac{13}{16}$ "	$\frac{31}{32}$ "	1"	$\frac{21}{16}$ "
5532	5532L	1"	$\frac{11}{16}$ "			2"	$\frac{31}{32}$ "	$\frac{13}{16}$ "	$\frac{21}{16}$ "
5534	5534L	$\frac{13}{16}$ "	$\frac{3}{4}$ "	$\frac{5}{8}$ "		2"	$\frac{31}{32}$ "	$\frac{13}{16}$ "	$\frac{21}{16}$ "
5536	5536L	$\frac{15}{16}$ "			$\frac{3}{4}$ "	$\frac{23}{16}$ "	$\frac{31}{32}$ "	$\frac{13}{16}$ "	$\frac{21}{16}$ "
5538		$\frac{17}{16}$ "				$\frac{23}{16}$ "		$\frac{19}{16}$ "	
5540	5540L	$\frac{13}{16}$ "	$\frac{7}{8}$ "	$\frac{3}{4}$ "		$\frac{23}{16}$ "	$\frac{31}{32}$ "	$\frac{19}{16}$ "	$\frac{21}{16}$ "
5542		$\frac{15}{16}$ "			$\frac{7}{8}$ "	$\frac{23}{16}$ "		$\frac{19}{16}$ "	
5544	5544L	$\frac{17}{16}$ "				$\frac{23}{16}$ "	$\frac{31}{32}$ "	$\frac{19}{16}$ "	$\frac{21}{16}$ "
5546	5546L	$\frac{17}{16}$ "	1"	$\frac{7}{8}$ "		$\frac{23}{16}$ "	$\frac{31}{32}$ "	$\frac{19}{16}$ "	$\frac{21}{16}$ "
5548		$\frac{17}{16}$ "				$\frac{23}{16}$ "		$\frac{19}{16}$ "	
5550		$\frac{19}{16}$ "			1"	3"		$\frac{23}{16}$ "	
5552		$\frac{19}{16}$ "	$\frac{13}{16}$ "	1"		3"		$\frac{23}{16}$ "	
5554		$\frac{113}{16}$ "			$\frac{11}{8}$ "	$\frac{31}{32}$ "		$\frac{23}{16}$ "	
5556		$\frac{13}{16}$ "				$\frac{31}{32}$ "		$\frac{23}{16}$ "	
5558		$\frac{113}{16}$ "	$\frac{13}{16}$ "	$\frac{11}{8}$ "		$\frac{31}{32}$ "		$\frac{23}{16}$ "	
5560		$\frac{17}{16}$ "			$\frac{11}{4}$ "	$\frac{31}{32}$ "		$\frac{23}{16}$ "	
5564		2"	$\frac{13}{8}$ "	$\frac{13}{16}$ "		$\frac{31}{32}$ "		$\frac{23}{16}$ "	
5568		$\frac{21}{16}$ "				$\frac{31}{32}$ "		$\frac{23}{16}$ "	

Socket Adaptors

- 5453 $\frac{1}{2}$ " square male by $\frac{3}{4}$ " sq. female. 5853 1" square male by $\frac{3}{4}$ " sq. female.
5652 $\frac{3}{4}$ " square male by $\frac{3}{4}$ " sq. male. 5854 $\frac{3}{4}$ " square male by 1" sq. female.
5653 $\frac{3}{4}$ " square male by $\frac{1}{2}$ " sq. female.

→ For Illustration of Sets, See Opposite Page ←



No. 5649

REVERSIBLE RATCHET, complete with Adaptor Plug. Precision made, overall length 20". (5648 is Ratchet without 5652 Plug.)

RATCHET PARTS 5649

- 5648B Body 5648R Rev. Assembly
5648C Cover 5648S Spring
5648DL Dog Left 5648W Wheel Female
5648DR Dog Right 5652 Flanged Drive Plug
5648H Cover Screw



No. 5670

UNIVERSAL JOINT, $\frac{31}{16}$ " overall length. $\frac{3}{4}$ " male and female drives.



No. 5668

HEAVY DUTY HINGE HANDLE. Hinged plug operates at any angle and is held firmly in position by friction ball. 18" long.



No. 5685

SLIDING BAR HANDLE. $\frac{13}{16}$ " diameter bar is 18" long. Friction ball in plug holds it at any point on bar. Friction ball in each end of bar acts as stop.



No. 5686

HEAVY-DUTY ELL HANDLE. A very handy tool that gives powerful leverage; deeply knurled grip; 18" long.



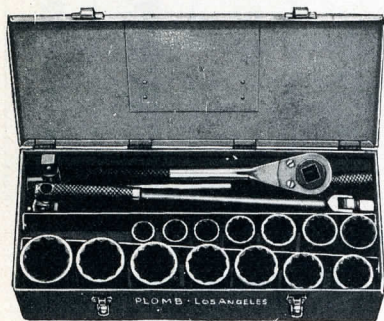
- No. 5660 5" EXTENSION.
No. 5661 8" EXTENSION.
No. 5663 16" EXTENSION.
No. 5668PH PIN HANDLE. $\frac{5}{8}$ " Stock, 12" long

No. 5526S--8 Point Socket

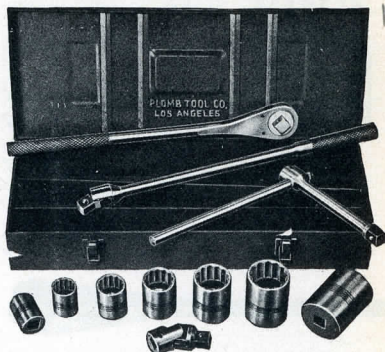
Made especially for the $\frac{13}{16}$ " square nut on Budd truck wheels. $\frac{3}{4}$ " square drive.

Heavy Duty Sets, $\frac{3}{4}$ " Square Drive

These sets are selected for their popularity with the trade, particularly for truck, tractor and bus service.



Illustrating the No. 5500F Set. For specifications see table below.



Illustrating the 5500-OC Set. For details see table below.

Tool No.	Description	Set No. 5500E	Set No. 5500F	Set No. 5500G	Set No. 5500H	Set No. 5500J	Set No. 5500K	Set No. 5500L	Set No. 5500OC
5528	$\frac{7}{8}$ " 12 pt. Socket							x	x
5530	$1\frac{1}{16}$ " "							x	
5532	1" "							x	
5534	$1\frac{1}{8}$ " "	x	x	x	x	x	x	x	x
5536	$1\frac{1}{8}$ " "	x	x	x	x	x	x	x	
5538	$1\frac{3}{16}$ " "	x	x			x	x	x	
5540	$1\frac{1}{4}$ " "	x	x	x	x	x	x	x	x
5542	$1\frac{5}{16}$ " "	x	x				x	x	
5544	$1\frac{3}{8}$ " "	x	x	x	x	x	x	x	
5546	$1\frac{7}{16}$ " "	x	x	x	x	x	x	x	x
5548	$1\frac{1}{2}$ " "	x	x	x	x	x	x	x	
5550	$1\frac{9}{16}$ " "	x	x			x	x	x	
5552	$1\frac{5}{8}$ " "	x	x	x	x	x	x	x	x
5554	$1\frac{11}{16}$ " "	x	x			x	x	x	
5556	$1\frac{3}{4}$ " "	x	x	x	x	x	x	x	
5558	$1\frac{13}{16}$ " "	x	x			x	x	x	x
5560	$1\frac{7}{8}$ " "	x	x			x	x	x	
5564	2" "	x	x			x	x	x	x
5568	$2\frac{1}{8}$ " "	x	x				x	x	
5649	Rev. Ratchet	x	x						x
5660	5" Extension								
5661	8" "	x	x	x	x				x
5663	16" "	x	x						
5668	18" Hinge Handle	x	x						x
5668PH	Pin Handle								x
5670	Univ. Joint								x
5685	18" Slide Bar	x	x	x	x				
5686	18" Ell Handle	x	x						
5695	Steel Box		x		x				x
		22 Pieces	23 Pieces	10 Pieces	11 Pieces	14 Pieces	16 Pieces	19 Pieces	13 Pieces

Extra Heavy-Duty Sockets and Attachments

1" Square Drive

Sockets



No.	12-Point Opening	U.S.S. Bolt Size	Amer. Std. Bolt Size	S. A. E. Bolt Size	Overall Length	Inside Clearance
5752	1 5/8"	1"			3 5/8"	2 1/2"
5758	1 13/16"	1 1/8"			3 7/8"	2 3/8"
5760	1 7/8"		1 1/4"		3 3/8"	2 3/8"
5764	2"	1 1/4"		1 3/8"	3 7/8"	2 1/2"
5770	2 1/16"	1 3/8"		1 1/2"	3 9/16"	2 3/8"
5772	2 1/4"		1 1/2"		3 11/16"	2 13/16"
5776	2 5/8"	1 1/2"			3 7/8"	2 7/8"
5780	2 1/2"				3 11/16"	2 13/16"
5782	2 9/16"	1 5/8"			4"	3"
5784	2 5/8"		1 3/4"		4 1/8"	3 1/8"
5788	2 3/4"	1 3/4"			4 1/4"	3 1/8"
5794	2 11/16"	1 7/8"			4 3/8"	3 5/8"
5800	3 1/8"	2"			4 7/8"	3 7/8"
5812	3 1/2"	2 1/4"			5 1/2"	4 1/2"

ATTACHMENTS



Overall Length, 26" 5848 Weight, 11 1/2 lbs.



5855

5852

5856

5848—Ratchet only with 1" square female wheel.

5852—1" square male adaptor plug.

5855—1"x3/4" square male adaptor plug.

5856—1"x1 1/4" square male adaptor plug.

*5849—Ratchet complete with 1" solid square male drive.

RATCHET REPAIR PARTS FOR 5848

5848B—Body

5848H—Cover Screws

5848C—Cover

5848R—Rev. Assembly

5848DL—Dog, Left

5848S—Spring

5848DR—Dog, Right

5848W—Wheel

5849W—Male Wheel



Adaptors

No. 5853—1" square male by 3/4" square female.

No. 5854—3/4" square male by 1" square female.



No. 5868

No. 5868—HINGE HANDLE, 27" long, 1 1/8" diameter handle, knurled grip. 1" male connection. Wt. 9 3/4 lbs.

No. 5861



No. 5863

5861—9" EXTENSION. 1" square connections. Female end drilled for 1" bar. Friction ball holds bar firmly at any point. Wt. 2 1/2 lbs.

5863—18" EXTENSION. Same specifications as No. 5861. Wt. 4 3/4 lbs.



5884

5885

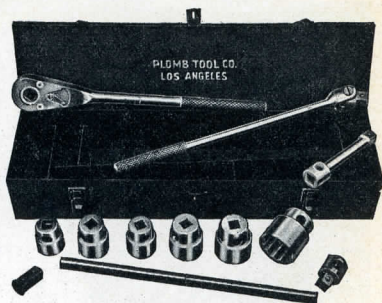
5884—1" BAR. 24" long. Equipped with spring ball stop on one end. Wt. 5 lbs.

5885—SLIDING PLUG. Used with No. 5884 Bar as Sliding Bar Handle. Has friction ball to hold it firmly at any point on bar. Wt. 6 3/4 lbs.

Extra Heavy Duty Sets Are Shown on Opposite Page

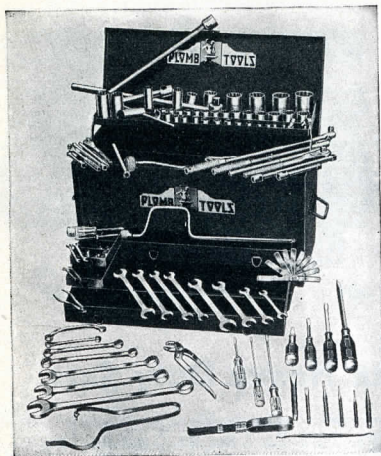
INDUSTRIAL PLOMB TOOL SETS

Illustrated at the right is a typical Plomb heavy duty set. Below are the specifications of these very well chosen sets. x indicates the items included in each set.



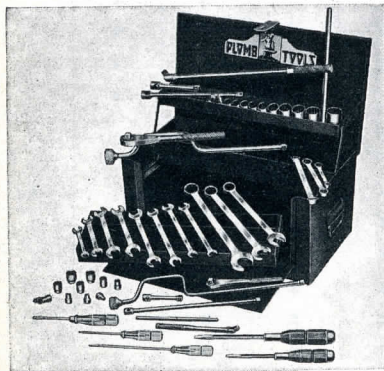
1" Square Drive Extra Heavy Duty Sets

Cat. No.	Description	Set No. 5700B	Set No. 5700C	Set No. 5700D	Set No. 5700E	Set No. 57000C
5758	12 Pt. Socket 1 $\frac{3}{16}$ " Opening	x	x	x	x	x
5760	" 1 $\frac{7}{8}$ " "	x	x	x	x	
5764	" 2" "	x	x	x	x	x
5770	" 2 $\frac{3}{16}$ " "	x	x	x	x	x
5772	" 2 $\frac{1}{4}$ " "	x	x	x	x	
5776	" 2 $\frac{3}{8}$ " "	x	x	x	x	x
5780	" 2 $\frac{1}{2}$ " "			x	x	
5782	" 2 $\frac{9}{16}$ " "	x	x	x	x	x
5784	" 2 $\frac{5}{8}$ " "	x	x	x	x	
5788	" 2 $\frac{3}{4}$ " "			x	x	x
5848	Ratchet					x
5752	1" Adaptor Plug					x
5868	27" Hinge Handle					x
5861	9" Extension	x	x	x	x	x
5863	18" "	x	x	x	x	
5884	24" Bar	x	x	x	x	x
5885	Sliding Bar	x	x	x	x	x
5895	Box		x		x	x



No. 9990A Set

No. 9990B—Master Tool Set, same as 9989G,
except in No. 9990 Chest



No. 9989G Set

No. 9990A Master Tool Set

114 Tools in 9990 Chest

Description

No. 9990 Chest, 11" wide, 12 $\frac{3}{4}$ " deep, 24" long.

Midget Items— $\frac{1}{4}$ " Square Drive

Handles: No. 4769 and No. 4785 Sliding Bar.

Sockets: Nos. 4706-07-08-09-08S-10-10S-11-12.

Cub Items— $\frac{3}{8}$ " Square Drive

No. 5249 Ratchet, No. 5265 Hinge Handle, No. 5280 Speeder, No. 5260, 5261 and 5263 $\frac{3}{4}$ ", 8" and 18" Extensions, with No. 5266PH Pin, and No. 5270 Universal Joint.

Sockets: Nos. 5208-10-12-14-16-18-20-21-22-24.

No. 5246 Screw Driver Socket.

Standard Items— $\frac{1}{2}$ " Square Drive

No. 5449 Ratchet; Nos. 5466 and 5468 $9\frac{1}{2}$ " and 18" Hinge Handles; No. 5480 Speeder; Nos. 5461 and 5463 5" and 10" Extensions; No. 5466PH Pin, and No. 5470 Universal Joint.

Sockets: Nos. 5414 to 5434, inclusive, except 5429.

Extra Deep Square Plug Sockets: Nos. 5347-48S-49-51-53, with Pin. Sockets Nos. 5412S-14S-16S-18S.

Heavy Duty Items— $\frac{3}{4}$ " Square Drive

No. 5685 Sliding Bar and Nos. 5661 and 5663 8" and 16" Extensions.

Sockets: Nos. 5534-40-44-46-48-52.

Open-End Wrenches: Nos. 3020-25-30-35.

Box Wrenches: Nos. 1125-30-35.

Obstruction Box Wrenches: Nos. 1725-30.

Box-Open-End Wrenches: Nos. 1228-30-32.

Tappet Wrenches: Nos. 3425-26-30-35.

Midget Open-End Wrenches: Nos. 3210-15-20-25.

No. 235 Ignition Pliers.

Wheel Knockers: Nos. 4410-15-20-25.

Punches and Chisels: No. 41 $\frac{7}{16}$ " Center Punch, Nos. 47, $\frac{1}{2}$ " x $\frac{1}{8}$ ", $\frac{1}{4}$ " x $\frac{1}{8}$ " and $\frac{3}{8}$ " x $\frac{1}{8}$ " Pin Punches, and Nos. 86A, $\frac{1}{4}$ " and $\frac{1}{2}$ " Chisels.

Plastic Handle Screw Drivers: Nos. 9604-33-42.

Wood Handle Screw Drivers: Nos. 9704-06-10-52.

No. 000A Feeler Gauge Set, 9 Blades, .003" to .018".

Special Tools: No. 2337 Carbon Scraper, No. 240

Water Pump Pliers, No. 2311 Ring Groove Cleaner, and No. 2370 Packing Hook.

No. 9989G Master Tool Set

Description

No. 9989 Chest: 10 $\frac{3}{4}$ " wide, 9" deep, 20" long.

Cub Items— $\frac{3}{8}$ " Square Drive

No. 5249 Ratchet; No. 5265 Hinge Handle with No. 5266PH Pin; No. 5280 Speeder; Nos. 5260 and 5262 $\frac{3}{4}$ " and 12" Extensions, and No. 5270 Universal Joint.

12-Point Sockets: Nos. 5208-10-12-14-16-18.

Standard Items— $\frac{1}{2}$ " Square Drive

No. 5449 Ratchet; No. 5468 Hinge Handle; No. 5480 Speeder; Nos. 5461 and 5463 5" and 10" Extensions; No. 5466PH Pin Handle, and No. 5470 Universal Joint.

12-Point Sockets: Nos. 5416-18-20-21-22-24-26-28-30-32.

Open-End Wrenches: Nos. 3020-25-30-35.

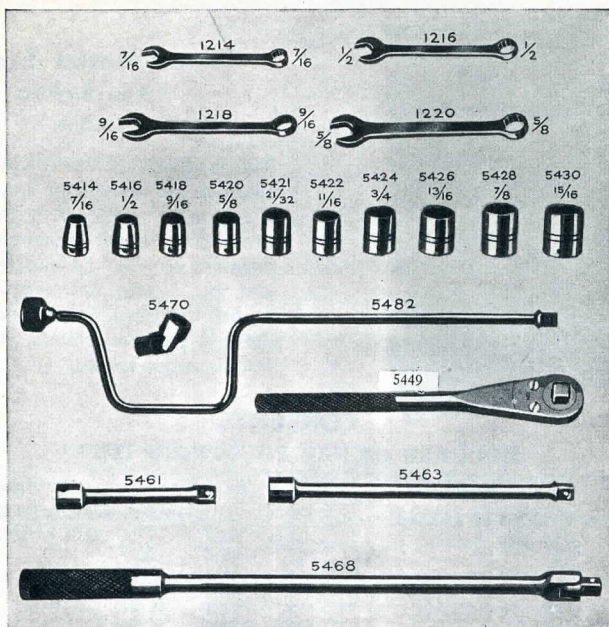
Box Wrenches: Nos. 1125-30-35.

Box-Open-End Wrenches: Nos. 1228-30-32.

Tappet Wrenches: Nos. 3425-26-30-35.

Plastic Handle Screw Drivers: Nos. 9604-24-33.

Wood Handle Screw Drivers: Nos. 9701-06.



No. 9989 Chest

Plumb Master Tool Set No. 9989F

20 Tools

This is a small set, yet it contains the most essential tools for all-around work. It is just the type of tool assortment in which a mechanic invests as a start, because it is ideal as a nucleus from which to build his complete set of tools. Note the combination open-end-box wrenches. 12-point sockets provide openings for all sizes of nuts from 7/16" to 15/16" by 16ths, with the addition of 21/32".

A set that has proved exceptionally popular with men who have discovered the outstanding quality of Plumb Tools and are building up their sets.

No. 9989F—Complete set of 20 Tools as illustrated, with No. 9989 Chest.



Plumb Master Tool Set No. 9989E

52 Tools

This is an excellent assortment of tools, selected for all-around use, providing the general mechanic with a set of greatest utility for the money invested. Includes sockets and handles, both $\frac{3}{8}$ " and $\frac{1}{2}$ " square drive, open-end and tappet wrenches, box wrenches, screw drivers, punches, chisels, etc. Similar to illustration shown.

CONTENTS

ONE EACH OF THE FOLLOWING ITEMS

Tool No.	Description	Tool No.	Description
$\frac{3}{8}$" DRIVE CUB SERIES		$\frac{1}{2}$" DRIVE STANDARD SERIES	
5210	5/16" Hex. Socket	5414	7/16" 12 Pt. Sockets
5212	3/8" "	5416	1/2" "
5214	7/16" "	5418	9/16" "
5216	1/2" "	5420	5/8" "
5218	9/16" 12 Pt. Socket	5421	21/32" "
5220	5/8" "	5422	11/16" "
5222	11/16" "	5424	3/4" "
5224	3/4" "	5426	13/16" "
5270	Universal Joint	5428	7/8" "
5265	Hinge Handle	5430	15/16" "
5280	Speeder	5432	1" "
5249	Rev. Ratchet	5444	3/4" Drag Link Screwdriver
5260	3 1/2" Extension	5470	Universal Joint
5262	12" "	5480	18" Speeder
SCREW DRIVERS		5449	Rev. Ratchet
9702	Wood Handle	5461	5" Extension
9704	" "	5463	10" "
9706	" "	5468	18" Hinge Handle
BOX WRENCHES		CHISELS AND PUNCHES	
1125	Openings 7/16"x1/2"	86A	1/2"
1130	" 9/16"x5/8"	47	5/16"
1135	" 11/16"x3/4"	47	1/4"
OPEN END WRENCHES		96	5/16"
3025	Openings 7/16"x1/2"	96	1/2"
3030	" 9/16"x5/8"	TAPPET WRENCHES	
3035	" 11/16"x3/4"	3425	Openings 7/16"x1/2"
3040	" 13/16"x7/8"	3426	" 1/2"x9/16"
3045	" 15/16"x1"	3430	" 9/16"x5/8"
CHEST		3431	" 17/32"x5/8"
9989	Metal Box		

No. 9989E—Complete set of 52 tools as listed above in sturdy metal chest.



Plomb Master Tool Set

No. 9989D

71 Tools

A very complete set of exceptional utility. While it is somewhat smaller than the 9999E Set, the tools included are those which the mechanic uses most in his every-day work.

CONTENTS

ONE EACH OF THE FOLLOWING

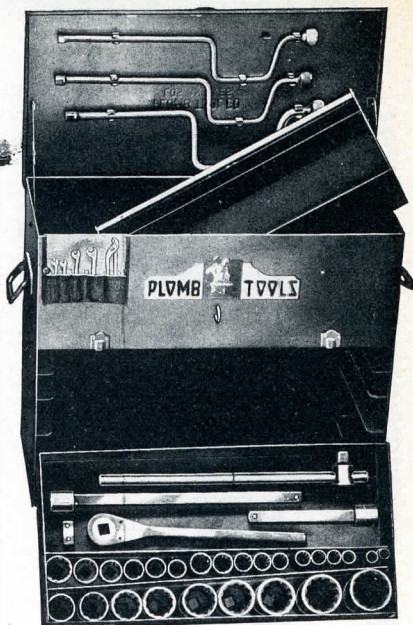
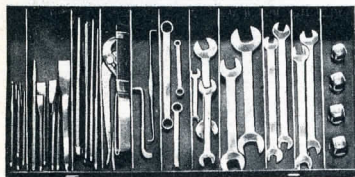
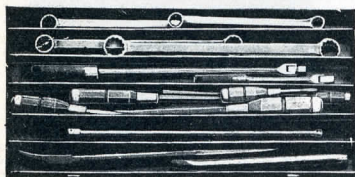
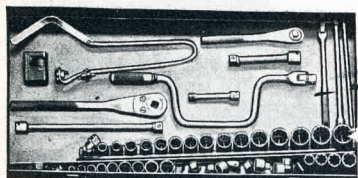
Tool No.	Description
3/8" DRIVE CUB SERIES	
5210	5/16" Hex. Socket
5212	3/8" "
5214	7/16" "
5216	1/2" "
5218	9/16" 12 Pt. Socket
5220	5/8" "
5222	11/16" "
5224	3/4" "
5270	Universal Joint
5280	Speeder
5265	Hinge Handle
5249	Rev. Ratchet
5260	3 1/2" Extension
5262	12" "
WRENCHES	
3425	7/16"x1/2" Tappet Wrench
3426	1/2"x9/16" "
3430	9/16"x5/8" "
3431	17/32"x5/8" "
3210	13/64"x15/64" OE Wrench
3215	7/32"x1/4" "
3220	9/32"x5/16" "
3225	11/32"x3/8" "
3025	7/16"x1/2" "
3030	9/16"x5/8" "
3035	11/16"x3/4" "
3040	13/16"x7/8" "
3045	15/16"x1" "
1125	7/16"x1/2" Box Wrench
1130	9/16"x5/8" "
1135	11/16"x3/4" "
1140	13/16"x7/8" "
86A 1/2	Cold Chisel
86A 3/4	"
235	Ignition Pliers
96 1/8	Drift Punch
96 1/2	"
9989	Metal Chest
1/2" DRIVE STANDARD SERIES	
5414	7/16" 12 Pt. Sockets
5416	1/2" "
5418	9/16" "
5420	5/8" "
5421	21/32" "



Tool No.	Description
1/2" DRIVE STANDARD SERIES—Contd.	
5422	11/16" "
5424	3/4" "
5426	13/16" "
5428	7/8" "
5430	15/16" "
5432	1" "
5434	1 1/8" "
5444	3/4" Drag Link Screwdriver
5470	Universal
5480	18" Speeder
5466	9 1/2" Hinge Handle
5449	Rev. Ratchet
5461	5" Extension
5463	10" "
5468	18" Hinge Handle
MISCEL. ITEMS	
9732	Wood Handle Screwdriver
9702	" " "
9704	" " "
9706	" " "
1316	16 oz. B/P Hammer
240	Water Pump Pliers
2337	Carbon Scraper
4410	Wheel Knockers
4415	" "
4420	" "
4425	" "
41	3/8" Center Punch
47	1/4" Rivet or Pin Punch
47	5/16" " " "
47	3/8" " " "
2411	Leatherette Roll

No. 9989D—Complete set of 71 tools as listed above in strong metal chest.

No. 9999C—Master Tool Set Illustrated



Plomb Master Tool Sets

Designed and selected for mechanics who desire a full set of the finest tools. These assortments are much more complete than the usual so-called "super socket sets." In addition to a large variety of sockets, in all the usual sizes from 5/16" to 2 1/8" (in Set No. 9999C), the sets include box wrenches, open-end wrenches, tappet wrenches, wheel knockers, screw extractors, screw drivers, chisels, punches, bars, etc.

Every tool in these sets is a live item that the mechanic uses constantly. They are *complete tool outfits* that have been

selected after careful research into the real needs and desires of mechanics.

Each set is complete in itself. Each includes the Plomb No. 9999 Tool Chest, No. 2099 Tote Tray, No. 5497 socket rack, and a set of midget ignition wrenches in leatherette roll. The No. 9999C set, illustrated above, consists of 149 tools, No. 9999D has 108 tools, and 9999E 72 tools.

In presenting Plomb Master Tool Sets to the trade, we sincerely believe we are offering the finest, most complete and usable assortments of quality hand tools that it is possible to assemble.

Listings on Sets 9999C, 9999D and 9999E are on Page 31.

Plumb Master Tool Sets

*Indicates that item listed is included in set.

No.	Size	Set No. 9999C	Set No. 9999D	Set No. 9999E
HEX. & 12-POINT CUB SOCKETS—3-8" CON.				
5210	5-16"	x	x	x
5212	3-8"	x	x	x
5214	7-16"	x	x	x
5216	1-2"	x	x	x
5218	9-16"	x	x	x
5220	5-8"	x	x	x
5221	21-32"	x	x	x
5222	11-16"	x	x	x
5224	3-4"	x	x	x
8-POINT CUB SOCKETS—3-8" CON.				
5114	7-16"	x	x	x
5116	1-2"	x	x	x
5118	9-16"	x	x	x
5120	5-8"	x	x	x
12-POINT CUB UNIVERSAL SOCKETS				
5274	7-16"	x	x	x
5275	1-2"	x	x	x
5276	9-16"	x	x	x
5277	5-8"	x	x	x
5278	11-16"	x	x	x
5279	3-4"	x	x	x
CUB ATTACHMENTS—3-8" CON.				
5266PH	Pin Handle	x	x	x
5246	Cub Screwdriver Socket	x	x	x
5249	7" Ratchet	x	x	x
5250	3-1/2" Extension	x	x	x
5261	8" Extension	x	x	x
5253	18" Extension	x	x	x
5255	7-1/2" Hinge Handle	x	x	x
5270	Universal Joint	x	x	x
5280	18" Speed Handle	x	x	x
12-POINT SOCKETS—1-2" CON.				
5414	7-16"	x	x	x
5416	1-2"	x	x	x
5418	9-16"	x	x	x
5419	19-32"	x	x	x
5420	5-8"	x	x	x
5421	21-32"	x	x	x
5422	11-16"	x	x	x
5424	3-4"	x	x	x
5425	25-32"	x	x	x
5426	13-16"	x	x	x
5428	7-8"	x	x	x
5430	15-16"	x	x	x
5431	31-32"	x	x	x
5432	1"	x	x	x
5434	1-1/16"	x	x	x
12-POINT EXTRA DEEP SOCKETS—1-2" CON.				
5300PH	Pin Handle	x	x	x
5340	1-2"	x	x	x
5341	9-16"	x	x	x
5343	5-8"	x	x	x
5344	11-16"	x	x	x
5345	3-4"	x	x	x
5347	13-16"	x	x	x
5348	7-8"	x	x	x
5349	15-16"	x	x	x
5351	1"	x	x	x
5352	1-1/16"	x	x	x
5353	1-1/8"	x	x	x
ATTACHMENTS—1-2" CONNECTIONS				
5444	3-4" Drag Link Screwdriver	x	x	x
5449	Ratchet Handle	x	x	x
5461	5" Extension	x	x	x
5463	10" Extension	x	x	x
5466	9-1/2" Hinge Handle	x	x	x
5466PH	Pin Handle	x	x	x
5468	18" Hinge Handle	x	x	x
5469	Speed Hinge Handle	x	x	x
5470	Universal Joint	x	x	x
5480	18" Speed Handle	x	x	x
12-POINT HEAVY DUTY SOCKETS—3-4" CON.				
5530	15-16"	x	x	x
5532	1"	x	x	x
5534	1-1/16"	x	x	x
5536	1-1/8"	x	x	x
5540	1-1/4"	x	x	x
5544	1-3/8"	x	x	x
5546	1-7/16"	x	x	x
5548	1-1/2"	x	x	x
5550	1-9/16"	x	x	x
5552	1-5/8"	x	x	x
5556	1-3/4"	x	x	x
5558	1-13/16"	x	x	x
5560	1-7/8"	x	x	x
5564	2"	x	x	x
5568	2-1/8"	x	x	x

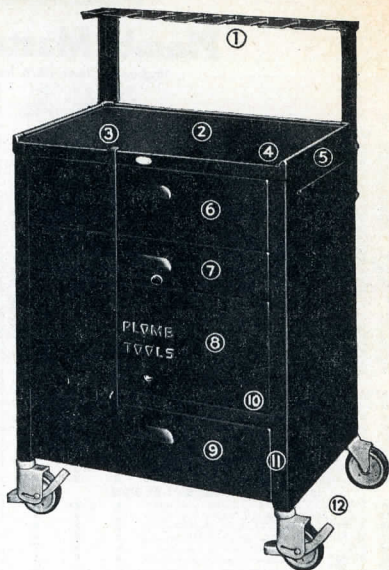
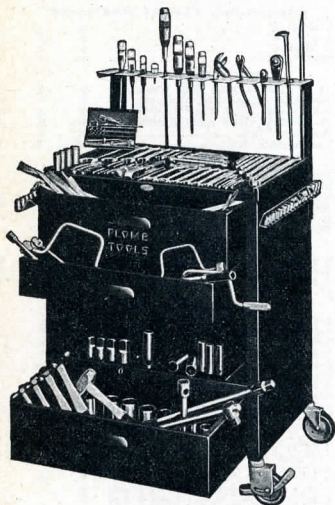
No.	Size	Set No. 9999C	Set No. 9999D	Set No. 9999E
HEAVY DUTY ATTACHMENTS—3-4" CON.				
5649	Ratchet Handle	x	x	x
5661	8" Extension	x	x	x
5653	18" Extension	x	x	x
5685	Sliding Bar Handle	x	x	x
15" BOX WRENCHES				
1120	5-16"x3-8"	x	x	x
1125	7-16"x1-2"	x	x	x
1130	9-16"x5-8"	x	x	x
1135	11-16"x3-4"	x	x	x
1140	13-16"x7-8"	x	x	x
1145	15-16"x1"	x	x	x
1150	1-1/16"x1-1/8"	x	x	x
15" OPEN END WRENCHES				
3020	5-16"x3-8"	x	x	x
3025	7-16"x1"	x	x	x
3030	9-16"x5-8"	x	x	x
3035	11-16"x3-4"	x	x	x
3040	13-16"x7-8"	x	x	x
3045	15-16"x1"	x	x	x
DOUBLE-END TAPPET WRENCHES				
3425	7-16"x1-2"	x	x	x
3428	1-2"x3-16"	x	x	x
3430	9-16"x5-8"	x	x	x
3431	17-32"x5-8"	x	x	x
IGNITION WRENCHES				
3210	13-64"x15-64" Open End Wrench	x	x	x
3215	7-32"x1-4" Open End Wrench	x	x	x
3220	9-32"x5-16" Open End Wrench	x	x	x
3225	11-32"x3-8" Open End Wrench	x	x	x
235	Ignition Pliers	x	x	x
2411	Leatherette Kit	x	x	x
SPECIAL TOOLS				
1430	Brass Hammer	x	x	x
2370	Packing Hook	x	x	x
2337	Flexible Carbon Scraper	x	x	x
240	Adjustable Water Pump Pliers	x	x	x
2311	King Groove Cleaner	x	x	x
4508	Stud Puller	x	x	x
WHEEL KNOCKERS				
4410	5-8"—13 thread	x	x	x
4415	3-4"—16 thread	x	x	x
4420	7-8"—14 thread	x	x	x
4425	1"—14 thread	x	x	x
PUNCHES, CHISELS, ETC.				
30	3-4"x7-8"—12" Rivet Cutter	x	x	x
36	5-16"x5"—Offset Screwdriver	x	x	x
41	3-8"x4 3-4" Center Punch	x	x	x
47	1-4"x3-32" Rivet Punch	x	x	x
47	1-16"x1-8" Rivet Punch	x	x	x
47	5-16"x5-32" Rivet Punch	x	x	x
47	3-8"x3-16" Rivet Punch	x	x	x
47	1-16"x7-32" Rivet Punch	x	x	x
47	1-2"x1-4" Rivet Punch	x	x	x
86A	1-4"x9-32"—4 1-2" Cold Chisel	x	x	x
86A	5-16"x3-8"—5" Cold Chisel	x	x	x
86A	3-8"x7-16"—5 1-2" Cold Chisel	x	x	x
86A	7-16"x1-2"—6" Cold Chisel	x	x	x
86A	1-2"x5-8"—7" Cold Chisel	x	x	x
86A	3-4"x3-4"—8" Cold Chisel	x	x	x
96	3-4"x7-8"—8" Cold Chisel	x	x	x
96	1-4"x3-32" Long Taper Drift P'nch	x	x	x
96	5-16"x1-8" Long Taper Drift P'nch	x	x	x
96	3-8"x3-16" Long Taper Drift P'nch	x	x	x
96	7-16"x7-32" Long Taper Drift P'nch	x	x	x
96	1-2"x1-4" Long Taper Drift P'nch	x	x	x
96	5-16"x5-16" Long Taper Drift P'nch	x	x	x
2120	5-8"x18" Garage Bar	x	x	x
SCREW EXTRACTORS				
9521	1-8"x3-16"	x	x	x
9522	1-64"x1-4"	x	x	x
9523	7-32"x3-16"	x	x	x
9524	19-64"x3-8"	x	x	x
9525	11-32"x7-16"	x	x	x
SCREW DRIVERS				
9702	2 1-2" Blade	x	x	x
9704	3" Blade	x	x	x
9706	6" Blade	x	x	x
9708	8" Blade	x	x	x
9741	9" Slim Blade	x	x	x
9899	"Master" Tool Chest	x	x	x
9920	Tote Tray	x	x	x
5497	Socket Rack	x	x	x

No. 9999C Set—149 items as listed.
No. 9999D Set—108 items as listed.
No. 9999E Set—72 items as listed.

PLOMB TOOLMOBILE

Moves ALL Your Tools to the Job
on Wheels

DOUBLE BALL BEARING SWIVEL
CASTERS
QUICK LOCKING



No. 9969—Toolmobile Only Built Like a Truck

Specifications:

1. Bolted-on rack has 16 holes and 8 slots, for pistons, valves, and tools.
2. Large working surface, 17 3/4" x 28 1/2".
3. Locking bar secures everything with one lock. Drops into slot at left, out of way when chest is in use.
4. 6" by 6" steel reinforcing plate under top for attaching light bolt-on vise.
5. Clip on each side for socket rack.
6. Drawer 6" deep, with removable sliding tray 2" deep.
7. Drawer 4" deep.
8. Large compartment 9 1/2" high. Front panel slides under 4" drawer above.
9. Bottom drawer 6" deep.
10. Reinforcements in corners add strength and rigidity.
11. Channel reinforcements inside front legs add strength and carry caster sockets.
12. Darnell double ball-bearing swivel casters with 4" rubber-tired wheels. Foot-operated brakes on front wheels anchor Toolmobile to floor when desired.

One-piece construction with all parts joined by spot-welding. Chest 29" high without casters or piston rack, 28 1/2" wide, 17 3/4" front to back. Lustrous metallic blue enamel finish. Weight complete, without tools, 128 pounds.



PLOMB TOOLMOBILE is as useful to the mechanic as the automobile trailer is to the vacationist. It rolls smoothly and silently to the job on 4" double ball bearing swivel casters. Arrangement of drawers, shelves, and racks enables the mechanic to "file" a complete outfit of tools so every tool is instantly available. Saves hours of time and effort. He can do more work and make more money. Strong as a steel safe. Snap a single padlock and valuable tools are completely secure.

See Further Description on Next Page



Plomb Toolmobile Master Sets

(Continued from Preceding Page)

No. 9969A—Plomb Toolmobile Set

175 Items

No.
000A Feeler Gauge Set
19 Scratch Awl
30 3/4x12 Rivet Cutter
36 3/4" Offset Screwdriver
36 1/2" Offset Screwdriver

Punches and Chisels

41 3/4" Center Punch
47 1/4x3/8"
47 3/8x3/8"
47 1/2x3/8"
47 1/2x1/2"
50 1/4" Solid Punch
50 3/8" Solid Punch
50 3/4" Solid Punch
50 1/2" Solid Punch
86A 3/8" Cold Chisel
86A 1/2" Cold Chisel
86A 3/4" Cold Chisel
86 3/8" Long Taper Punch
86 1/2" Long Taper Punch
86 3/4" Long Taper Punch

Box Wrenches

1120 9/16x3/8"
1125 1/2x3/8"
1126 1/2x3/8"
1130 9/16x3/8"
1135 1/2x3/8"
1140 1/2x3/8"
1145 1/2x1"
1150 1/2x1 1/8"

Box-Open-End Wrenches

1210 5/8"
1212 3/4"
1214 7/8"
1216 1"
1218 1 1/8"
1220 1 1/4"

Hammers

1302 2-oz.
1304 4-oz.
1308 8-oz.
1316 1-lb.
1430 Brass Hammer

Special Tools

1725 Obstruction Wrench
1730 Obstruction Wrench
2370 Packing Hook
2335 Valve Guide Cleaner
2336 Gasket Scraper
2337 Carbon Scraper
235 Ignition Pliers
240 Water Pump Pliers
2120 Garage Bar
2126 Gear Bar
218 Battery Pliers

Open-End Wrenches

3020 9/16x3/8"
3025 1/2x3/8"
3026 1/2x3/8"
3030 9/16x3/8"
3035 1/2x3/8"
3040 1/2x3/8"
3045 1/2x1"
3050 1/2x1 1/8"

Midjet Wrenches

3210 1 1/4x3 1/8"
3215 7/8x3/4"
3220 3/4x3/8"
3225 1/2x3/8"
2411 Leatherette Kit

Tappet Wrenches

3425 1/2x3/8"
3426 1/2x3/8"
3430 9/16x3/8"
3431 1/2x3/8"
3435 1/2x3/8"
3440 9/16x3/8"

Wheel Knockers

No.
4410 3/4", 18-thread
4415 3/4", 16-thread
4420 3/4", 14-thread
4425 1", 14-thread
44" Drive Set
4700A Midjet Socket
Set (12 tools)

3/4" Drive Items

5018SP 10 m.m. Spark
Plug Socket
5022SP 10 m.m. Spark
Plug Socket
5026SP 14 m.m. Spark
Plug Socket
5114 7/8" 8-pt. Socket
5116 1 1/8" 8-pt. Socket
5118 9/16" 8-pt. Socket
5120 3/4" 8-pt. Socket
5210 3/4" Hex. Socket
5212 3/4" Hex. Socket
5214 7/8" Hex. Socket
5216 1" Hex. Socket
5218 9/16" 12-pt. Socket
5220 3/4" 12-pt. Socket
5222 1/2" 12-pt. Socket
5224 5/8" 12-pt. Socket
5240 10 m.m. Plug Adaptor
5246 Screw Driver Socket
5249 Cub Ratchet
5280 3/4" Extension
5261 8" Extension
5265 Hinge Handle
5270 Universal Joint
5275 1/2" Universal Socket
5276 3/4" Universal Socket
5277 5/8" Universal Socket
5280 18" Speeder
5297 Socket Rack

1/2" Drive Items

5345 3/4" Deep Socket
5347 1/2" Deep Socket
5348 7/8" Deep Socket
5349 1 1/8" Deep Socket
5351 1" Deep Socket
5414 7/8" 12-pt. Socket
5416 1 1/8" 12-pt. Socket
5418 9/16" 12-pt. Socket
5419 1 1/8" 12-pt. Socket
5420 3/4" 12-pt. Socket
5422 1 1/8" 12-pt. Socket
5424 3/4" 12-pt. Socket
5426 1 1/8" 12-pt. Socket
5428 7/8" 12-pt. Socket
5430 1 1/8" 12-pt. Socket
5432 1" 12-pt. Socket
5434 1 1/8" 12-pt. Socket
5444 Drag Link Screw
Driver
5448 Standard Ratchet
5460 2 1/2" Extension
5461 5" Extension
5463 10" Extension
5465 9/16" Hinge Handle
5468 1 1/8" Hinge Handle
5469 Speed Hinge Handle
5470 Universal Joint
5478 1 1/8" Universal Socket
5479 3/4" Universal Socket
5480 18" Speed Handle
5497 Socket Rack

3/4" Drive Items

5536 1 1/8" 12-pt. Socket
5540 1 1/2" 12-pt. Socket
5542 1 3/8" 12-pt. Socket
5544 1 1/4" 12-pt. Socket
5546 1 1/8" 12-pt. Socket
5548 1 1/2" 12-pt. Socket
5552 1 3/8" 12-pt. Socket
5556 1 1/4" 12-pt. Socket
5661 8" Extension
5668 18" Hinge Handle
5685 Sliding Bar Handle

Screw Extractors

9521 1/4-3/8"
9523 3/8"
9525 1/2"
9524 3/4"
9525 9/16-5/8"

Plastic Handle Screw Drivers

No.
9604 6"-3/4" Bit
9606 6"-5/8" Bit
9622 2 1/4"-3/8" Bit
9628 4"-3/8" Bit
9643 10"-5/8" Bit
9651 12"-1/4" Bit

Wood Handle Screw Drivers

9702 2 1/4"-7/32" Bit
9704 4"-3/8" Bit
9706 6"-1 1/8" Bit
9708 8"-7/16" Bit
9712 10"-7/16" Bit
9969 Toolmobile Chest

9969A—Toolmobile Set Complete

No. 9969C—Chevrolet Toolmobile Set

192 Items

9969A Toolmobile Set, as above, with addition of following tools:
30 3/4x15 Rivet Cutter
1132 1 1/4x3/8" Extra Long Box Wrench
1133 1 1/4x3/8" Extra Long Box Wrench
2006 Bendix Star Nut Wrench
5245 Oil Pan Screw Driver
5284 36" Speeder
5283 18" Extension
5538 1 1/8" 12-pt. Socket
5701 Chevrolet Head Wrench
6707 Valve Guide Punch
6708 Valve Guide Punch
6725 Hub Bolt Punch
6730 Motor Support, Steering
Eccentric and Starter
Wrench

9684 4" No. 2A Phillips Screwdriver 9969C—Chevrolet Toolmobile Set Complete

No. 9969F—Ford Toolmobile Set

194 Items

9969A Toolmobile Set, with addition of the following items:
5282 24" Speeder
5502 Brake Wrench
5505 A & B Wrist Pin Tool
5507 Valve Guide Punch
6515 Main Bearing & Con. Rod
Wrench
6516 V8 Wrist Pin Tool
6521 V8 Valve Guide Punch
6523 V8 Con. Rod Nut Socket
6525 Hub Bolt Punch
6527 Headlight Wrench
6528 Carburetor Jet Wrench
6529 Headlight & Horn Wrench
6537 Gas Tank Spanner
6538 Shock Absorber Plug Wrench
6539 85 Valve Lifter
6540 60 Water Pump Spanner
6541 60 Valve Lifter
9969F—Ford Toolmobile Set Complete

No. 9969P—Plymouth Toolmobile Set

190 Items

9969A Toolmobile Set, with addition of the following items:
1234 1 1/8" Box-Open-End Wrench
3400F Single End Tappet Wrench
Set, 10 Wrenches in Leatherette Roll
5282 24" Speeder
5429 2 3/8" 12-pt. Socket
6601 Starter Wrench
9688 8" No. 2A Phillips Screwdriver
9969P—Plymouth Toolmobile Set Complete





No. 9999
Master
Tool Chest



No. 9990
Master
Tool Chest



Chest No. 9980

Tool Boxes and Carrying Cases

No. 9999—Master Tool Chest

18-gauge sheet steel welded and riveted to retain shape and rigidity with a full load. Folding handles. Spring clips inside lid. Dark olive green baked enamel finish.

Weight empty, 84 lbs. Outside dimensions: 12" wide, 24" long, 20 $\frac{1}{4}$ " high. Top compartment 8" deep. Top drawer 1 $\frac{3}{4}$ " deep, with compartment for small sockets. Middle drawer 1 $\frac{3}{4}$ " deep, with five adjustable partitions. Third drawer 2 $\frac{1}{2}$ " deep, with ten adjustable partitions. Bottom drawer 3 $\frac{3}{4}$ " deep, with two movable partitions.

Front slides under bottom drawer. With lid closed, front covers drawers, hasps of both front and top locking over same staple. One padlock secures everything.

No. 9999—Master Chest, complete with all drawers, as illustrated.

No. 9999A—Master Chest, complete with addition of No. 9920 Tray and No. 5497 Socket Rack (see both on following pages.)

No. 9990—Master Tool Chest

Made from 18-gauge steel, spot-welded, with smooth contours, reinforced corners, and edges turned for smoothness and strength. Steel ring drawer pulls, drop handle on each end. Baked enamel, dark olive green, wrinkled finish.

Overall dimensions: 11" wide, 12 $\frac{3}{4}$ " deep, 24" long. Section above drawers is 7" deep, two built-in compartments: one at upper back, the other on bottom at front. Room in top for overalls and large tools such as gear pullers.

Cantilever tray swings up when lid is opened and is divided into three sections for sockets and handles.

Top drawer 10 $\frac{1}{2}$ " wide, 2 $\frac{1}{2}$ " deep, 17 $\frac{1}{4}$ " long, without partitions. Runs on roller bearings. Bottom drawer 10 $\frac{1}{2}$ " wide, 2 $\frac{1}{2}$ " deep, 21 $\frac{1}{4}$ " long, with three compartments. Two small drawers are each 3 $\frac{3}{4}$ " wide, 1" deep, 10 $\frac{3}{8}$ " long. One has four sections, the other is without partitions. Operates with finger tip ease as it glides over Roller Bearings.

One padlock secures everything, or either drawer section or top may be locked separately.

9980 Utility Box

22 $\frac{1}{2}$ " long, 9" wide, 6 $\frac{1}{2}$ " high, with drop front and drop handles at each end. Dark green wrinkle finish. Heavy gauge steel.

Tool Boxes (Cont'd)

No. 9989--Master Tool Chest

Made of 18-gauge sheet steel, welded and riveted; dark olive green baked enamel finish. Hinged tray swings up with lid. Removable tray gives easy access to large interior.

Overall dimensions: 9" deep, 10 $\frac{3}{4}$ " wide, 20" long. Hinged tray 1 $\frac{1}{2}$ " deep, 5 $\frac{1}{2}$ " wide, 19" long. Front tray 1 $\frac{5}{8}$ " deep, 5 $\frac{3}{4}$ " wide, 19" long. Large top space 6" deep, 10 $\frac{3}{4}$ " wide, 20" long. Fixed tray in top space 2 $\frac{3}{8}$ " deep, 4 $\frac{7}{8}$ " wide, 20" long. Each tray and bottom compartment have separate section for sockets or small tools. Heavy hasp fits over staple on hinged front to lock chest securely. Strong folding handles. Weight, empty, 26 lbs.

No. 5295--Cub Tool Box

A convenient small box, 1 $\frac{1}{2}$ " deep, 4 $\frac{1}{4}$ " wide, 18 $\frac{1}{2}$ " long. Handy for trouble-shooting, as it is a convenient size to carry.

No. 5495--Standard Tool Box

A heavy-gauge steel box with socket compartment lengthwise of box, and compartment at front for extra sockets, cotter keys, small tools, etc. Clips inside top for speeder handle. Hooked staple holds cover down tight. Handle folds out of way when not in use. 1 $\frac{3}{4}$ " deep, 8 $\frac{1}{4}$ " wide, 19" long. Olive green baked enamel finish.

No. 5496--Standard Box with Socket Rack

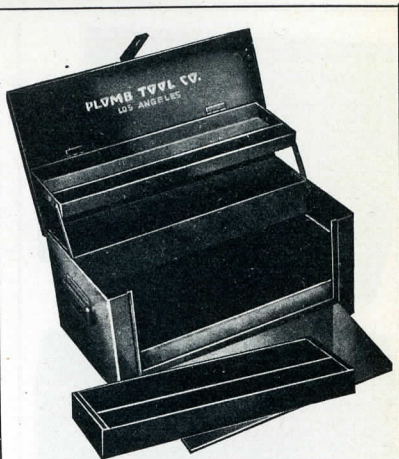
No. 5495 Standard tool box, described above, with the addition of No. 5497 socket rack, which clips over side of the partition or on inside of box, and holds 17 sockets with $\frac{1}{2}$ " square drives. See dimensions of box above.

Socket Racks

Made with clip on back, which slips over edge of box or partition. Can be carried on side of Tote Tray or can be put in a convenient place on wall or bench. Sockets fit firmly on rack. Made of heavy sheet steel, olive green baked enamel finish.

No. 5297--Cub Socket Rack, 18 $\frac{1}{4}$ " long; has 17 clips for sockets with $\frac{3}{8}$ " square drives.

No. 5497--Standard Socket Rack. 18 $\frac{1}{2}$ " long; has 17 clips for sockets with $\frac{1}{2}$ " square drives.



No. 9989



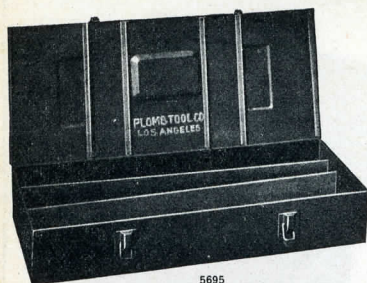
No. 5295



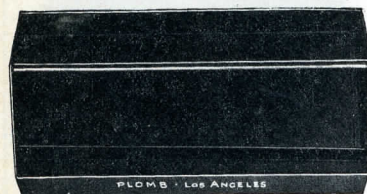
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No. 5297 and No. 5497



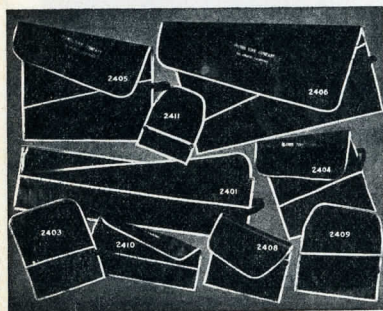
5695



No. 9920—Tray



No. 5895



Leatherette Rolls for Tool Sets

Tool Boxes (Cont'd)

No. 5695—Heavy-Duty Tool Box

For Heavy-Duty Socket Sets with $\frac{3}{4}$ " drive. Lid reinforced with steel cross-ribs. Handle, on top of lid, folds flush into recess. Three compartments, as shown, just right for heavy-duty sockets and handles. Double-hinged; locks with two spring hasps. $3\frac{3}{4}$ " deep, 8" wide, $22\frac{1}{2}$ " long, inside measurements; weight, $8\frac{1}{4}$ lbs.

No. 9920—Handy Tool Tray

10" wide, 19" long, 7" deep under handle. Side compartment, $1\frac{3}{4}$ " wide. Handy for sockets, small tools, etc. Weight, $5\frac{1}{4}$ lbs.

No. 5895—Extra-Heavy-Duty Box

$5\frac{3}{4}$ " deep, $9\frac{1}{4}$ " wide and $35\frac{1}{2}$ " long, inside dimensions, to fit the Extra-Heavy-Duty handles and sockets described on page 22. Also used for large Heavy-Duty sets, with $\frac{3}{4}$ " square drive, especially with the larger sockets. Made extra-heavy throughout, welded, riveted and strongly reinforced. Weight, 28 lbs.

Leatherette Rolls for Tool Kits

Made of heavy first-grade leatherette, with strongly stitched seams and bound edges. Handsome in appearance, black trimmed with silver. Nos. 2408, 2409, 2410 and 2411 have snaps, all others have heavy woven tie strings.

Roll No.	Dimensions Laid Flat	No. of Pockets
*2401	$7\frac{5}{8}$ " x $26\frac{1}{2}$ "	23
*2402	$7\frac{1}{2}$ " x 14"	12
2403	10" x $8\frac{1}{4}$ "	6
2404	17" x $10\frac{1}{2}$ "	7
2405	$18\frac{1}{4}$ " x $14\frac{3}{8}$ "	6
2406	$21\frac{5}{8}$ " x $21\frac{1}{2}$ "	8
2407	19" x $10\frac{3}{4}$ "	5
**2408	$14\frac{1}{8}$ " x $8\frac{7}{8}$ "	4
**2410	$8\frac{5}{8}$ " x $12\frac{7}{8}$ "	11
**2411	$8\frac{1}{4}$ " x $6\frac{1}{2}$ "	5
2412	31" x 32"	15
2413	$26\frac{1}{2}$ " x $25\frac{1}{2}$ "	13
2424	$12\frac{3}{4}$ " x $35\frac{1}{2}$ "	44 Loops

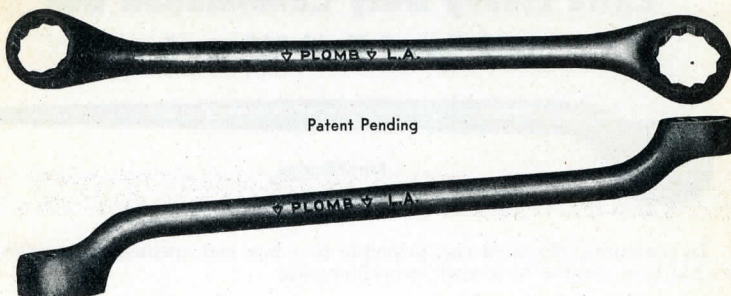
*Flap is extra piece, stitched on at top.

**Equipped with snaps instead of tie strings.

No. 2424—Tool Roll

Made of extra-heavy leatherette, lined with thick green felt as an effective background for the tools, and with green felt flaps at top and bottom to cover the tools. $12\frac{1}{4}$ " wide by 36" long. It rolls compactly and is made secure by an attached strap. Holds tools firmly and is easy to carry.

Extra Heavy Duty Double End Box Wrenches



Patent Pending

Forged from alloy steel this double end extra heavy duty box wrench is balanced to meet the stress and strain found in the heavy operations encountered in industry.

The head is reinforced where the greatest strains occur whether in making up or breaking out work.

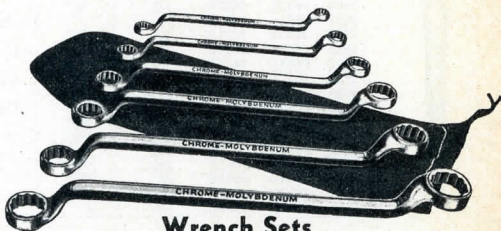
Cat. No.	12 Pt. Opening Sizes	U.S.S. Bolt Size	S.A.E. Bolt Size	Amer. Std. Bolt Size	Overall Length	Head Thickness
1036	$1\frac{1}{16}$ " $\frac{7}{8}$ "	$\frac{3}{8}$ " $\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{9}{16}$ "	$11\frac{1}{2}$ "	$\frac{7}{16}$ " $\frac{9}{16}$ "
1041	$\frac{7}{8}$ " $1\frac{1}{8}$ "	$\frac{1}{2}$ " $\frac{5}{8}$ "	$\frac{9}{16}$ " $\frac{3}{4}$ "	$\frac{9}{16}$ " $\frac{3}{4}$ "	15"	$\frac{5}{8}$ " $1\frac{1}{8}$ " $\frac{7}{16}$ "
1045	$1\frac{1}{8}$ " $1\frac{1}{16}$ "	—	$\frac{5}{8}$ " $1\frac{1}{8}$ "	$\frac{5}{8}$ "	15"	$\frac{5}{8}$ " $1\frac{1}{8}$ "
1051	$1\frac{3}{8}$ " $1\frac{1}{4}$ "	$\frac{5}{8}$ " $\frac{3}{4}$ "	$\frac{3}{4}$ " $\frac{7}{8}$ "	—	$16\frac{1}{2}$ "	$\frac{3}{4}$ " $1\frac{3}{8}$ "
1053	$1\frac{1}{8}$ " $1\frac{3}{16}$ "	—	—	$\frac{3}{4}$ " $\frac{7}{8}$ "	$16\frac{1}{2}$ "	$\frac{3}{4}$ " $1\frac{3}{16}$ "
1061	$1\frac{1}{4}$ " $1\frac{3}{8}$ "	$\frac{3}{4}$ " $\frac{7}{8}$ "	$\frac{7}{8}$ " 1"	—	20"	$\frac{7}{8}$ " $1\frac{1}{8}$ "
1063	$1\frac{3}{8}$ " $1\frac{5}{8}$ "	$\frac{7}{8}$ " 1"	1" $1\frac{1}{8}$ "	—	24"	1" $1\frac{1}{8}$ "
1066	$1\frac{13}{16}$ " 2"	$1\frac{1}{8}$ " $1\frac{1}{4}$ "	$1\frac{1}{4}$ " $1\frac{3}{8}$ "	—	30"	$1\frac{1}{8}$ " $1\frac{1}{4}$ "
1068	2" $2\frac{3}{8}$ "	$1\frac{1}{4}$ " $1\frac{1}{2}$ "	$1\frac{3}{8}$ " —	—	32"	$1\frac{1}{4}$ " $1\frac{1}{2}$ "
1069	$2\frac{1}{8}$ " $2\frac{3}{8}$ "	$1\frac{3}{8}$ " $1\frac{1}{2}$ "	$1\frac{3}{8}$ " —	—	32"	$1\frac{3}{8}$ " $1\frac{1}{2}$ "

Light Duty Offset Box Wrenches

12-point openings. 60° angle offset on each end. Extra long. No duplication of openings. Made in the following sizes.

U. S. AND AMERICAN STANDARD SIZES ON PAGE 5

No.	12-point Openings	U. S. Bolts-Nuts	Overall Length	Shank Clearance
8180	$\frac{3}{8}$ "- $\frac{7}{16}$ "	$\frac{3}{16}$ "	$\frac{7}{8}$ "	$\frac{3}{4}$ "
8181	$\frac{1}{2}$ "- $\frac{9}{16}$ "	$\frac{1}{4}$ "	$\frac{8}{8}$ "	$1\frac{1}{8}$ "
8182	$\frac{5}{8}$ "- $1\frac{1}{16}$ "	$\frac{3}{8}$ "	10"	$1\frac{1}{16}$ "
8183	$\frac{3}{4}$ "- $1\frac{1}{8}$ "	$\frac{1}{2}$ "	11"	1"
8184	$1\frac{1}{4}$ "- $1\frac{1}{2}$ "	$\frac{3}{4}$ "	13"	$1\frac{1}{4}$ "
8185	$1\frac{3}{8}$ "-1"	$\frac{7}{8}$ "	14"	$1\frac{3}{8}$ "



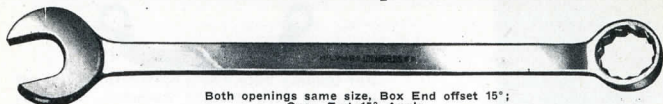
Wrench Sets

8100B—Complete 6-Wrench Set, as listed, in Canvas Bag.

8100C—5-Wrench Set, Nos. 8180 to 8184, inclusive, in Canvas Bag.

8100D—4-Wrench Set, Nos. 8180 to 8183, inclusive, in Canvas Bag.

Combination Box and Open-End Wrenches

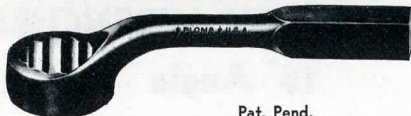


Both openings same size, Box End offset 15°;
Open End 15° Angle.

No.	Both Openings	Overall Length	Box Head Thickness	Open Head Thickness	U.S.S. Bolt Size	S.A.E. Bolt Size	Amer. Std. Bolt Size	
1210	5/16"	3 1/2"	7/32"	5/32"	1/8"	-----	5 & 6	1210
1212	3/8"	4 1/4"	1/4"	9/16"	3/16"	-----	10	1212
1214	7/16"	5 1/2"	9/16"	1/4"	-----	1/4"	12 & 1/4"	1214
1216	1/2"	6 3/4"	9/16"	1/4"	1/4"	5/16"	-----	1216
1218	9/16"	7"	11/32"	9/32"	-----	3/8"	5/16"	1218
1220	5/8"	7 1/4"	7/16"	9/32"	-----	7/16"	3/8"	1220
1222	11/16"	8 1/2"	7/16"	5/16"	3/8"	-----	-----	1222
1224	3/4"	9 1/4"	7/16"	9/16"	-----	1/2"	7/16"	1224
1226	13/16"	10 1/4"	15/32"	11/32"	-----	-----	1/2"	1226
1228	7/8"	11 1/4"	13/32"	11/32"	1/2"	9/16"	9/16"	1228
1230	15/16"	12 1/4"	1/2"	9/8"	-----	5/8"	5/8"	1230
1232	1"	13 3/4"	1/2"	13/32"	-----	11/16"	-----	1232
1234	1 1/16"	14 1/2"	17/32"	27/64"	5/8"	3/4"	-----	1234
1236	1 1/8"	15 3/4"	17/32"	27/64"	-----	-----	3/4"	1236
1240	1 1/4"	17 1/2"	9/16"	7/16"	3/4"	7/8"	-----	1240

Box-Open-End Wrench Sets

Tool No.	Description	1200A Set	1200B Set	1200C Set	1200D Set	1200E Set	1200F Set
1210	5/16" Comb. Box & Open End						X
1212	3/8" " " " "				X	X	X
1214	7/16" " " " "	X	X	X	X	X	X
1216	1/2" " " " "	X	X	X	X	X	X
1218	9/16" " " " "	X	X	X	X	X	X
1220	5/8" " " " "	X	X	X	X	X	X
1222	11/16" " " " "			X	X	X	X
1224	3/4" " " " "		X	X	X	X	X
1226	13/16" " " " "						X
1228	7/8" " " " "					X	X
1230	15/16" " " " "					X	X
1232	1" " " " "					X	X
1234	1 1/16" " " " "					X	X
1236	1 1/8" " " " "					X	X
1240	1 1/4" " " " "						X
2405	Leatherette Kit			X	X		
2406	" " "					X	X
2408	" " "						
		4 Wrenches 5 Pieces	5 Wrenches 6 Pieces	6 Wrenches 7 Pieces	7 Wrenches 8 Pieces	12 Wrenches 13 Pieces	15 Wrenches 16 Pieces



Pat. Pend.

STRIKING WRENCH

Striking Wrenches are equipped with a square striking face on the end of the shank. They are offset so as to allow nut clearance. Oxidized Blue finish. Made from Chrom-Molly Alloy Steel.

Cat. No.	12 Point Opening	U. S. S. Bolt Size	Amer. Std. Bolt Size	S. A. E. Bolt Size	Overall Length	Head Thickness
2613SW	1 ³ / ₁₆ "		1 ¹ / ₂ "	1 ¹ / ₂ "	9 ¹ / ₂ "	5 ⁸ / ₁₆ "
2615SW	1 ⁵ / ₁₆ "		5 ⁸ / ₁₆ "	5 ⁸ / ₁₆ "	9 ¹ / ₂ "	5 ⁸ / ₁₆ "
2617SW	1 ¹ / ₁₆ "	5 ⁸ / ₁₆ "		3 ⁴ / ₁₆ "	10 ¹ / ₄ "	1 ¹ / ₁₆ "
2618SW	1 ¹ / ₈ "		3 ⁴ / ₁₆ "		10 ¹ / ₄ "	3 ⁴ / ₁₆ "
2620SW	1 ¹ / ₄ "	3 ⁴ / ₁₆ "		7 ⁸ / ₁₆ "	11 ¹ / ₈ "	1 ³ / ₁₆ "
2621SW	1 ⁵ / ₁₆ "		7 ⁸ / ₁₆ "		11 ¹ / ₈ "	1 ³ / ₁₆ "
2623SW	1 ⁷ / ₁₆ "	7 ⁸ / ₁₆ "		1"	12 ¹ / ₈ "	1 ³ / ₁₆ "
2624SW	1 ¹ / ₂ "		1"		12 ¹ / ₈ "	1"
2626SW	1 ⁵ / ₈ "	1"		1 ¹ / ₈ "	12 ¹ / ₄ "	1 ¹ / ₁₆ "
2627SW	1 ¹¹ / ₁₆ "		1 ¹ / ₈ "		12 ¹ / ₄ "	1 ¹ / ₈ "
2629SW	1 ¹³ / ₁₆ "	1 ¹ / ₈ "		1 ¹ / ₄ "	13 ¹ / ₁₆ "	1 ¹ / ₈ "
2630SW	1 ⁷ / ₈ "		1 ¹ / ₄ "		13 ⁷ / ₁₆ "	1 ¹ / ₈ "
2632SW	2"	1 ¹ / ₄ "		1 ³ / ₈ "	13 ⁹ / ₁₆ "	1 ¹ / ₄ "
2635SW	2 ³ / ₁₆ "	1 ³ / ₈ "		1 ¹ / ₂ "	13 ¹¹ / ₁₆ "	1 ³ / ₈ "
2638SW	2 ³ / ₈ "	1 ¹ / ₂ "			13 ⁷ / ₈ "	1 ¹ / ₂ "
2641SW	2 ⁹ / ₁₆ "	1 ⁵ / ₈ "			13 ⁷ / ₈ "	1 ¹ / ₂ "
2644SW	2 ³ / ₄ "	1 ³ / ₄ "			16"	2"
2647SW	2 ¹⁵ / ₁₆ "	1 ⁷ / ₈ "			16"	2"
2650SW	3 ¹ / ₈ "	2"			16"	2"

SLUGGING WRENCHES

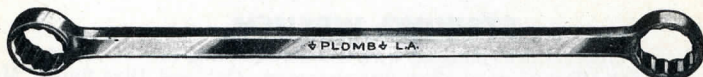
Extra Heavy Duty 12 point slugging wrenches in openings from 1⁵/₁₆" to 3¹/₂" as illustrated above. These wrenches are adaptable to all heavy industrial work.



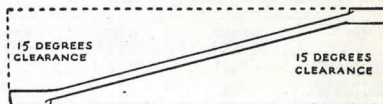
Cat. No.	12 Pt. Opening	U. S. S. Bolt Size	Amer. Std. Bolt Size	Cat. No.	12 Pt. Opening	U. S. S. Bolt Size	Amer. Std. Bolt Size
USN 221	1 ⁵ / ₁₆ "		7 ⁸ / ₁₆ "	USN 238	2 ³ / ₈ "	1 ¹ / ₂ "	
USN 223	1 ⁷ / ₁₆ "	7 ⁸ / ₁₆ "		USN 241	2 ⁹ / ₁₆ "	1 ⁵ / ₈ "	
USN 224	1 ¹ / ₂ "		1"	USN 242	2 ⁵ / ₈ "		1 ³ / ₄ "
USN 226	1 ³ / ₈ "	1"		USN 244	2 ³ / ₄ "	1 ³ / ₄ "	
USN 227	1 ¹¹ / ₁₆ "		1 ¹ / ₈ "	USN 247	2 ¹⁵ / ₁₆ "	1 ⁷ / ₈ "	
USN 229	1 ¹³ / ₁₆ "	1 ¹ / ₈ "		USN 248	3"		2"
USN 230	1 ⁷ / ₈ "		1 ¹ / ₄ "	USN 250	3 ¹ / ₈ "	2"	
USN 232	2"	1 ¹ / ₄ "		USN 254	3 ³ / ₈ "		2 ¹ / ₄ "
USN 235	2 ⁷ / ₁₆ "	1 ³ / ₈ "		USN 256	3 ¹ / ₂ "	2 ¹ / ₄ "	
USN 236	2 ¹ / ₄ "		1 ¹ / ₂ "				

PLUMB BOX WRENCHES

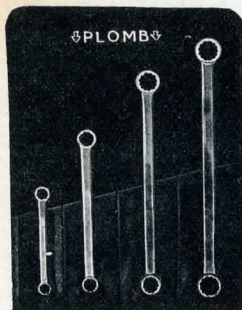
15° Angle



Box Wrench Sets on Following Page



No.	12-Point Openings	U. S. S. Bolt Size	S. A. E. Bolt Size	Amer. Std. Bolt Size	Overall Length	Head Thickness
1120	$\frac{9}{16}$ " X $\frac{3}{8}$ "	$\frac{1}{8}$ " - $\frac{3}{16}$ "		5&6-10	4"	$\frac{1}{4}$ " - $\frac{1}{4}$ "
1122	$\frac{3}{8}$ " X $\frac{7}{16}$ "	$\frac{3}{16}$ "	$\frac{1}{4}$ "	10-12& $\frac{1}{4}$ "	4 $\frac{1}{2}$ "	$\frac{1}{4}$ " - $\frac{3}{16}$ "
1125	$\frac{7}{16}$ " X $\frac{1}{2}$ "	$\frac{1}{4}$ "	$\frac{1}{4}$ " - $\frac{5}{16}$ "	12& $\frac{1}{4}$ "	5"	$\frac{5}{16}$ " - $\frac{5}{16}$ "
1126	$\frac{1}{2}$ " X $\frac{9}{16}$ "	$\frac{1}{4}$ "	$\frac{5}{16}$ " - $\frac{3}{8}$ "	$\frac{9}{16}$ "	6 $\frac{1}{4}$ "	$\frac{5}{16}$ " - $\frac{11}{32}$ "
1127	$\frac{1}{2}$ " X $1\frac{1}{32}$ "	$\frac{1}{4}$ " - $\frac{5}{16}$ "	$\frac{9}{16}$ "		7 $\frac{1}{4}$ "	$\frac{5}{16}$ " - $\frac{3}{8}$ "
1130	$\frac{9}{16}$ " X $\frac{5}{8}$ "		$\frac{3}{8}$ " - $\frac{7}{16}$ "	$\frac{5}{16}$ " - $\frac{3}{8}$ "	7 $\frac{3}{4}$ "	$\frac{11}{32}$ " - $\frac{3}{8}$ "
1131	$\frac{5}{8}$ " X $\frac{3}{4}$ "		$\frac{7}{16}$ " - $\frac{1}{2}$ "	$\frac{3}{8}$ " - $\frac{7}{16}$ "	9"	$\frac{3}{8}$ " - $\frac{7}{16}$ "
1132	$\frac{5}{8}$ " X $\frac{3}{4}$ "		$\frac{7}{16}$ " - $\frac{1}{2}$ "		15"	$\frac{11}{16}$ " - $\frac{15}{16}$ "
1133	$1\frac{1}{16}$ " X $\frac{3}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "		15"	$\frac{3}{4}$ " - $\frac{15}{16}$ "
1134	$\frac{5}{8}$ " X $1\frac{1}{16}$ "	$\frac{3}{8}$ "	$\frac{7}{16}$ "	$\frac{3}{8}$ "	9 $\frac{3}{4}$ "	$\frac{3}{8}$ " - $\frac{7}{16}$ "
1135	$1\frac{1}{16}$ " X $\frac{3}{4}$ "	$\frac{3}{8}$ "	$\frac{1}{2}$ "	$\frac{7}{16}$ "	10 $\frac{1}{2}$ "	$\frac{7}{16}$ " - $\frac{7}{16}$ "
1136	$1\frac{1}{16}$ " X $\frac{7}{8}$ "	$\frac{3}{8}$ " - $\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{9}{16}$ "	10 $\frac{1}{2}$ "	$\frac{7}{16}$ " - $\frac{15}{32}$ "
1137	$1\frac{1}{16}$ " X $2\frac{25}{32}$ "	$\frac{3}{8}$ " - $\frac{7}{16}$ "			11"	$\frac{15}{32}$ " - $\frac{7}{16}$ "
1139	$\frac{3}{4}$ " X $\frac{7}{8}$ "	$\frac{1}{2}$ "	$\frac{1}{2}$ " - $\frac{9}{16}$ "	$\frac{7}{16}$ " - $\frac{9}{16}$ "	11 $\frac{1}{2}$ "	$\frac{7}{16}$ " - $\frac{15}{32}$ "
1140	$\frac{3}{4}$ " X $\frac{7}{8}$ "	$\frac{1}{2}$ "	$\frac{9}{16}$ "	$\frac{1}{2}$ " - $\frac{9}{16}$ "	12 $\frac{1}{4}$ "	$\frac{15}{32}$ " - $\frac{15}{32}$ "
1141	$\frac{7}{8}$ " X $1\frac{1}{16}$ "	$\frac{1}{2}$ " - $\frac{5}{8}$ "	$\frac{9}{16}$ " - $\frac{3}{4}$ "	$\frac{9}{16}$ "	15"	$\frac{15}{32}$ " - $\frac{17}{32}$ "
1145	$\frac{15}{16}$ " X 1"		$\frac{5}{8}$ " - $1\frac{1}{16}$ "	$\frac{5}{8}$ "	14"	$\frac{1}{2}$ " - $\frac{1}{2}$ "
1147	$\frac{15}{16}$ " X $1\frac{1}{16}$ "	$\frac{5}{8}$ "	$\frac{5}{8}$ " - $\frac{3}{4}$ "	$\frac{5}{8}$ "	15 $\frac{1}{2}$ "	$\frac{1}{2}$ " - $\frac{17}{32}$ "
1150	$1\frac{1}{16}$ " X $1\frac{1}{8}$ "	$\frac{5}{8}$ "	$\frac{3}{4}$ "	$\frac{3}{4}$ "	16"	$\frac{17}{32}$ " - $\frac{17}{32}$ "
1151	$1\frac{1}{16}$ " X $1\frac{1}{4}$ "	$\frac{5}{8}$ " - $\frac{3}{4}$ "	$\frac{3}{4}$ " - $\frac{7}{8}$ "		17"	$\frac{17}{32}$ " - $\frac{5}{8}$ "
1155	$1\frac{1}{4}$ " X $1\frac{1}{16}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "	$\frac{7}{8}$ "	17 $\frac{3}{4}$ "	$\frac{5}{8}$ " - $\frac{5}{8}$ "
1160	$1\frac{1}{4}$ " X $1\frac{3}{8}$ "	$\frac{3}{4}$ "	$\frac{7}{8}$ "		18 $\frac{1}{4}$ "	$\frac{5}{8}$ " - $\frac{5}{8}$ "
1161	$1\frac{1}{4}$ " X $1\frac{1}{16}$ "	$\frac{3}{4}$ " - $\frac{7}{8}$ "	$\frac{7}{8}$ " - 1"		19 $\frac{1}{2}$ "	$\frac{5}{8}$ " - $\frac{3}{4}$ "
1162	$1\frac{3}{16}$ " X $1\frac{1}{2}$ "	$\frac{7}{8}$ "	1"	1"	20 $\frac{7}{8}$ "	$\frac{3}{4}$ " - $\frac{3}{4}$ "
1163	$1\frac{3}{16}$ " X $1\frac{1}{8}$ "	$\frac{7}{8}$ " - 1"	1" - $1\frac{1}{8}$ "		22 $\frac{1}{2}$ "	$\frac{3}{4}$ " - $\frac{7}{8}$ "
1164	$1\frac{5}{8}$ " X $1\frac{1}{16}$ "	1"	$1\frac{1}{8}$ "	$1\frac{1}{8}$ "	24 $\frac{1}{2}$ "	$\frac{7}{8}$ " - $\frac{7}{8}$ "



Obstruction Box Wrenches



For turning nuts where obstructions prevent easy access with straight wrenches. 1" clearance at middle. 12-point openings.

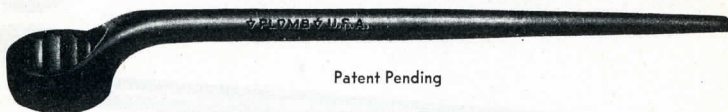
S. A. E., U. S. AND AMERICAN STANDARD SIZES ON PAGE 7

No.	12-point Openings	Overall Length
1725	$\frac{7}{16}$ " x $\frac{1}{2}$ "	5 $\frac{3}{4}$ "
1730	$\frac{9}{16}$ " x $\frac{5}{8}$ "	6 $\frac{1}{2}$ "

Popular Sets of 15° Box Wrenches

Tool No.	Description Box Wrench	Set No. 1100A	Set No. 1100B	Set No. 1100C	Set No. 1100D	Set No. 1100G	*Set No. 1100J
1120	$\frac{9}{16}$ " - $\frac{3}{8}$ " 12 Point			X		X	X
1122	$\frac{3}{8}$ " - $\frac{7}{16}$ " "						
1125	$\frac{7}{16}$ " - $\frac{1}{2}$ " "	X	X	X	X	X	
1126	$\frac{1}{2}$ " - $\frac{9}{16}$ " "		X	X			
1127	$\frac{1}{2}$ " - $1\frac{1}{32}$ " "						X
1130	$\frac{9}{16}$ " - $\frac{5}{8}$ " "	X	X	X	X	X	
1131	$\frac{5}{8}$ " - $\frac{3}{4}$ " "			X			
1134	$\frac{5}{8}$ " - $1\frac{1}{16}$ " "						
1135	$1\frac{1}{16}$ " - $\frac{3}{4}$ " "	X	X	X	X	X	
1136	$1\frac{1}{16}$ " - $\frac{7}{8}$ " "						
1137	$1\frac{1}{16}$ " - $2\frac{5}{32}$ " "						X
1140	$1\frac{3}{16}$ " - $\frac{7}{8}$ " "	X	X	X	X	X	
1141	$\frac{7}{8}$ " - $1\frac{1}{16}$ " "						X
1145	$1\frac{5}{16}$ " - 1" "		X	X	X	X	
1147	$1\frac{5}{16}$ " - $1\frac{1}{16}$ " "						
1150	$1\frac{1}{4}$ " - $1\frac{1}{8}$ " "			X		X	
1151	$1\frac{1}{4}$ " - $1\frac{1}{4}$ " "						X
1155	$1\frac{1}{4}$ " - $1\frac{5}{16}$ " "						
1160	$1\frac{1}{4}$ " - $1\frac{3}{8}$ " "					X	
1161	$1\frac{1}{4}$ " - $1\frac{1}{2}$ " "						X
1162	$1\frac{1}{2}$ " - $1\frac{1}{2}$ " "					X	
1163	$1\frac{1}{2}$ " - $1\frac{5}{8}$ " "						X
1164	$1\frac{5}{8}$ " - $1\frac{1}{2}$ " "						
2405	Leatherette Kit	X	X		X		
2406	" "			X		X	X
2412	" "						
*Especially selected for U. S. S. opening sizes.		4 Wrenches 5 Pieces	6 Wrenches 7 Pieces	9 Wrenches 10 Pieces	5 Wrenches 6 Pieces	9 Wrenches 10 Pieces	7 Wrenches 8 Pieces

Extra Heavy Duty Combination Box and Spud End Wrench



Patent Pending

In combining the spud end principle to a box end opening an entirely new idea has been created in wrench manufacturing.

The danger of spreading or slipping common to the open end wrench of this character is eliminated and in so doing we have the added factor of safety under powerful pulls.

Sturdily built to make light work of frozen or corroded bolts and nuts. The spud end handy for aligning holes in flanges.

The offset head likewise meets the usual clearance problems encountered. All unnecessary weight, bulk, and clumsiness have been eliminated without sacrificing strength or leverage.

Forged from alloy steel. Specifications in box below.

Single Box End Structural Wrenches

TABLE SHOWING OPENINGS AND SPECIFICATIONS COVERING THE
SPUD END STRUCTURAL AND THE R & L WRENCHES

CATALOG NO.			12 Pt. Opening	U.S.S. Bolt Size	Am. Std. Bolt Size	S.A.E. Bolt Size	Overall Length Spud End	Head Thickness
Spud End	L Series	R Series						
2613	2613L	2613R	1 3/16"		1 1/2"	1 1/2"	11 3/4"	5/8"
2615	2615L	2615R	1 1/4"		5/8"	5/8"	11 3/4"	5/8"
2617	2617L	2617R	1 1/4"	5/8"	3/4"	3/4"	14 3/4"	1 1/16"
2618	2618L	2618R	1 1/4"		3/4"	3/4"	14 3/4"	3/4"
2620	2620L	2620R	1 1/4"	3/4"			17"	1 3/16"
2621	2621L	2621R	1 1/4"		7/8"		17"	1 3/16"
2623	2623L	2623R	1 7/16"	7/8"		1"	20 1/2"	1 7/16"
2624	2624L	2624R	1 1/2"		1"		20 1/2"	1"
2626	2626L	2626R	1 1/2"	1"	1 1/8"	1 1/8"	21 1/2"	1 1/4"
2627	2627L	2627R	1 1/2"		1 1/8"		21 1/2"	1 1/16"
2629	2629L	2629R	1 13/16"	1 1/8"	1 1/4"	1 1/4"	22 3/4"	1 1/8"
2630	2630L	2630R	1 7/8"		1 1/4"		22 3/4"	1 1/8"
2632	2632L	2632R	2"	1 1/4"		1 3/8"	24 1/2"	1 1/4"
2635	2635L	2635R	2 1/16"	1 3/8"		1 1/2"	26"	1 3/8"
2638	2638L	2638R	2 5/8"	1 3/4"			27 3/4"	1 1/2"
2641	2641L	2641R	2 9/16"	1 3/8"			27 3/4"	1 1/2"
2644	2644L	2644R	2 3/4"	1 3/4"			30"	2"
2647	2647L	2647R	2 11/16"	1 7/8"			30"	2"
2650	2650L	2650R	3 1/8"	2"			30"	2"

Illustrated on either side are the 2600 Spud End Wrenches bent right and left hand close to the head at 90° to the handle. The angle permits working around obstructions. Specifications and sizes listed in box above.

Engineering and Designing Service

The Plomb Engineering and Research Department, with its designers and draughtsmen, is at the service of industry. Firms or individuals are invited to submit tool problems, which will be carefully studied and a solution offered without charge. Or tools will be made to your own specifications. We are constantly producing special tools for the U. S. Army and Navy, for large corporations, the oil industry, and others, and are especially well-equipped to handle orders of this nature.



Special Ratchet

This tool is an example of special equipment produced by us. It is a 14" spud handle ratchet used for bolting steel linings in water tunnels.

DRH—Adaptor Plug with Handle

Has deeply knurled hand grip, 1" diameter and 3 3/4" long, and 1/2" square adaptor plug 1 1/4" long, which extends through Ratchet to engage socket. 5" overall length. Write for information.



Obstruction Box Wrenches

Particularly adapted to turning nuts where obstructions prevent easy access with straight wrenches. 1" clearance at middle, 12-point openings; full-polished finish.

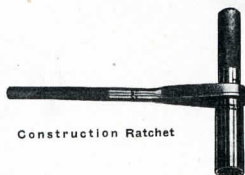
S. A. E., U. S. and American Standard
Sizes on Page 4

No.	12-point Openings	Overall Length
1725	7/16"x1 1/2"	5 3/4"
1730	9/16"x5/8"	6 1/2"

CONSTRUCTION TOOLS

The tools described below have been designed especially for tower erection and other construction work. Like all Plomb Tools, they are highest quality.

Construction Ratchet



Construction Ratchet

This unit, as illustrated, is extensively used in tower erection work and on other construction jobs where a ratchet with a holding plug is required. The socket shown is No. 5352 Extra Deep with 12-point 1 1/16" opening, to fit 5/8" U. S. Standard hexagon nuts. However, this assembly can be used with any size socket with 1/2" square service connection.

Write for Information

Open End Obstruction Wrench

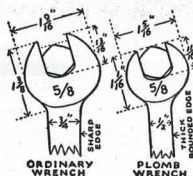


"HOG JAW"

45° and 90° Angle, both openings same size. This wrench really takes hold in those places where nuts and bolts are difficult of access:

Number	Openings	U.S.S. Nut Sizes
3128S	7/8"	1/2"
3134S	1 1/16"	5/8"
3140S	1 1/4"	3/4"
3146S	1 7/16"	7/8"
3152S	1 5/8"	1"

Plumb 15° Open-End Wrenches



Cat. No. Semi-Fin.	Cat. No. Finished	Milled Openings	U. S. S. Bolt Size	S. A. E. Bolt Size	Amer. Std. Bolt Size	Overall Length	Head Thickness
3020S	3018	1/4" - 5/16"	1/8"		4-5&6	3 1/2"	5/32"
	3020	5/16" - 3/8"	1/8" - 3/16"		5&6-10	4"	5/16"
	3021	3/8" - 7/16"	5/16"	1/4"	10-12&1 1/4"	5"	7/32"
3025S	3025	7/16" - 1/2"	1/4"	1/4" - 5/16"	12&1 1/4"	5"	7/32"
3026S	3026	1/2" - 9/16"	1/4"	5/16" - 3/8"	5/16"	5 1/2"	1/4"
	3027	1/2" - 19/32"	1/4" - 5/16"	5/16"		6 1/4"	5/32"
3030S	3030	9/16" - 5/8"		3/8" - 7/16"	5/16" - 3/8"	6 1/4"	9/32"
3031S	3031	5/8" - 3/4"		7/16" - 1/2"	3/8" - 7/16"	8"	5/16"
3032S	3032	19/32" - 25/32"	5/16" - 7/16"			8"	9/16"
	3034	5/8" - 1 1/16"	3/8"	7/16"	3/8"	8"	5/16"
3035S	3035	1 1/16" - 3/4"	3/8"	1/2"	7/16"	8"	9/16"
3036S	3036	1 1/16" - 7/8"	3/8" - 1/2"	9/16"	9/16"	9 1/8"	1 1/16"
3037S	3037	1 1/16" - 25/32"	3/8" - 7/16"			8"	5/16"
	*3038	3/4" - 7/8"	1/2"	1/2" - 9/16"	7/16" - 9/16"	15"	1 3/32"
3039S	3039	3/4" - 7/8"	1/2"	1/2" - 9/16"	7/16" - 9/16"	9 1/8"	1 1/32"
3040S	3040	19/16" - 7/8"	1/2"	9/16"	1/2" - 9/16"	9 1/8"	1 1/32"
3041S	3041	7/8" - 1 1/16"	1/2" - 5/8"	9/16" - 3/4"	9/16"	11 3/4"	1 3/32"
	3045S	19/16" - 1"		5/8" - 1 1/16"	5/8"	10 1/16"	3/8"
3047S	*3046	1 5/16" - 1 1/16"	5/8"	5/8" - 3/4"	5/8"	15 1/2"	1 5/32"
	3047	1 5/16" - 1 1/16"	5/8"	5/8" - 3/4"	5/8"	11 3/4"	1 3/32"
3051S	*3048	1" - 1 1/8"		1 1/16"	3/4"	16"	1 1/2"
	3050	1 1/16" - 1 1/8"	5/8"	3/4"	3/4"	11 3/4"	1 3/32"
	3051	1 1/16" - 1 1/4"	5/8" - 3/4"	3/4" - 7/8"		12 5/8"	7/16"
3061S	3055	1 1/4" - 1 1/16"	3/4"	7/8"	7/8"	15 1/2"	9/16"
	3060	1 3/8" - 1 1/16"	7/8"	1"		15 1/2"	9/16"
	3061	1 1/4" - 1 1/16"	3/4" - 7/8"	7/8" - 1"		15 1/2"	9/16"

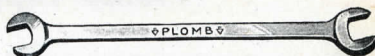
*Extra Long

NOTE: The 3000 series are regular standard full polished wrenches. The 3000S series are semi-finished industrial wrenches with a heavy Chrome plate.





Extra-Long Wrenches



Made especially for brake work and other jobs where extra leverage is needed.

S. A. E., U. S. AND AMERICAN STANDARD SIZES ON PAGE 5

No.	Openings	Thickness of Head	Overall Length
3038	$\frac{3}{4}$ " x $\frac{7}{8}$ "	$\frac{11}{32}$ "	15"
3046	$\frac{1}{2}$ " x $1\frac{1}{16}$ "	$\frac{13}{32}$ "	16"
3048	1" x $1\frac{1}{8}$ "	$\frac{13}{32}$ "	16"

Plomb Open-End Wrench Sets

Tool No.	Description Open End Wrench	Set No. 3000A	Set No. 3000B	Set No. 3000C	Set No. 3000D	Set No. 3000E	Set No. 3000F	Set No. 3000G	Set No. 3000J	Set No. *3000K
3018	$\frac{1}{4}$ " - $\frac{5}{16}$ " - $3\frac{1}{2}$ " Long									
3020	$\frac{5}{16}$ " - $\frac{3}{8}$ " - 4"		X	X	X	X	X	X	X	X
3021	$\frac{3}{8}$ " - $\frac{7}{16}$ " - 5"						X	X		
3025	$\frac{7}{16}$ " - $\frac{1}{2}$ " - 5"			X	X	X	X	X	X	
3026	$\frac{1}{2}$ " - $\frac{9}{16}$ " - $5\frac{1}{2}$ "	X	X		X	X	X	X		
3027	$\frac{1}{2}$ " - $1\frac{1}{32}$ " - $6\frac{1}{4}$ "									X
3030	$\frac{9}{16}$ " - $\frac{5}{8}$ " - $6\frac{1}{4}$ "	X	X	X	X	X	X	X	X	
3031	$\frac{5}{8}$ " - $\frac{3}{4}$ " - 8"			X	X	X	X	X		
3032	$1\frac{1}{32}$ " - $2\frac{25}{32}$ " - 8"					X	X	X	X	
3034	$\frac{5}{8}$ " - $1\frac{1}{16}$ " - 8"									
3035	$1\frac{1}{16}$ " - $\frac{3}{4}$ " - 8"	X	X	X	X	X	X	X	X	
3036	$1\frac{1}{16}$ " - $\frac{7}{8}$ " - $9\frac{1}{8}$ "						X	X		
3037	$1\frac{1}{16}$ " - $2\frac{25}{32}$ " - 8"									X
3038	$\frac{3}{4}$ " - $\frac{7}{8}$ " - 15"									
3039	$\frac{3}{4}$ " - $\frac{7}{8}$ " - $9\frac{1}{8}$ "						X	X		
3040	$1\frac{1}{16}$ " - $\frac{7}{8}$ " - $9\frac{1}{8}$ "	X	X	X	X	X	X	X	X	
3041	$\frac{7}{8}$ " - $1\frac{1}{16}$ " - $11\frac{3}{4}$ "									X
3045	$1\frac{1}{16}$ " - 1" - $10\frac{3}{16}$ "	X	X	X	X	X	X	X	X	
3046	$1\frac{1}{16}$ " - $1\frac{1}{16}$ " - $15\frac{1}{2}$ "									
3047	$1\frac{1}{16}$ " - $1\frac{1}{16}$ " - $11\frac{3}{4}$ "									
3048	1" - $1\frac{1}{8}$ " - 16"					X				
3050	$1\frac{1}{16}$ " - $1\frac{1}{8}$ " - $11\frac{3}{4}$ "			X	X		X	X	X	
3051	$1\frac{1}{16}$ " - $1\frac{1}{4}$ " - $12\frac{3}{8}$ "									
3055	$1\frac{1}{4}$ " - $1\frac{1}{16}$ " - $15\frac{1}{2}$ "						X	X	X	
3060	$1\frac{3}{8}$ " - $1\frac{1}{16}$ " - $15\frac{1}{2}$ "						X	X	X	
3061	$1\frac{1}{4}$ " - $1\frac{1}{16}$ " - $15\frac{1}{2}$ "									X
2405	Leatherette Kit	X	X							X
2406	" "			X	X	X			X	
2412	" "							X		
		5 Wrenches 6 Pieces	6 Wrenches 7 Pieces	8 Wrenches 9 Pieces	9 Wrenches 10 Pieces	10 Wrenches 11 Pieces	15 Wrenches 15 Pieces	15 Wrenches 16 Pieces	10 Wrenches 11 Pieces	5 Wrenches 6 Pieces

*This set selected for popular U.S.S. opening sizes.

Plomb Tappet Wrenches



15° Double-End Wrenches

Note arrangement of openings—just right for easy working, yet six wrenches are equal to much larger sets of other makes.

SEE S. A. E., U. S. AND AMERICAN STANDARD
SIZES ON PAGE 5

No.	Openings	Overall Length	Head Thickness
3425	$\frac{7}{16}$ " - $\frac{1}{2}$ "	9"	$\frac{11}{16}$ "
3426	$\frac{1}{2}$ " - $\frac{9}{16}$ "	9"	$\frac{11}{16}$ "
3430	$\frac{9}{16}$ " - $\frac{5}{8}$ "	9"	$\frac{9}{16}$ "
3431	$\frac{17}{32}$ " - $\frac{5}{8}$ "	9"	$\frac{9}{16}$ "
3435	$\frac{11}{16}$ " - $\frac{3}{4}$ "	9"	$\frac{7}{16}$ "
3440	$\frac{13}{16}$ " - $\frac{7}{8}$ "	9"	$\frac{7}{16}$ "



15° Single End Wrenches

These extra-long 15° tappet wrenches are a necessity on many new cars, especially when adjustments must be made under fenders. Very thin and light, but exceptionally strong.

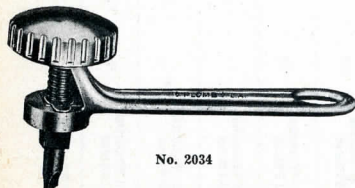
SEE S. A. E., U. S. AND AMERICAN STANDARD
SIZES ON PAGE 5

No.	Openings	Overall Length	Head Thickness
3412	$\frac{3}{16}$ "	$12\frac{3}{4}$ "	$\frac{3}{16}$ "
3414	$\frac{7}{16}$ "	$12\frac{3}{4}$ "	$\frac{3}{16}$ "
3416	$\frac{1}{2}$ "	$12\frac{3}{4}$ "	$\frac{3}{16}$ "
3418	$\frac{9}{16}$ "	$12\frac{3}{4}$ "	$\frac{3}{16}$ "
3420	$\frac{5}{8}$ "	$12\frac{3}{4}$ "	$\frac{3}{16}$ "

Tappet Wrench Sets

Double End Sets					Single End Sets		
Cat. No.	Set Numbers				Cat. No.	Set Numbers	
	3400A	3400B	3400C	3400D		3400E	3400F
3425	1 each	1 each	1 each	1 each	3412	1 each	2 each
3426	1 "	1 "	1 "	1 "	3414	1 "	2 "
3430	1 "	1 "	1 "	1 "	3416	1 "	2 "
3431	1 "	1 "	1 "		3418	1 "	2 "
3435		1 "	1 "	1 "	3420	1 "	2 "
3440			1 "				
*2408	1 "			1 "	*2408		
*2405		1 "	1 "		*2405		
*2407					*2407	1 "	1 "
	5 Pieces	6 Pieces	7 Pieces	5 Pieces		6 Pieces	11 Pieces

*Leatherette Rolls See Page 30



No. 2034

No. 2034 produces speed, ease and accuracy when adjusting overhead valves. Uses any standard socket. When using 2034 loosen lock nut first, then operate driver for adjustment at the same time using Plomb Feeler Gauges. Extra screw driver blade with knob No. 2034S. This tool is also used with clutch adjusting machines.

Two Screw Drivers for Overhead Tappets



No. 9652 Pyroxylin Handle

Blade $\frac{1}{4}$ " square, $1\frac{1}{2}$ " long, with $\frac{5}{32}$ " bit. Pyroxylin handle $1\frac{3}{16}$ " diameter. Very handy for turning screws in cramped quarters.



No. 9752 Wood Handle

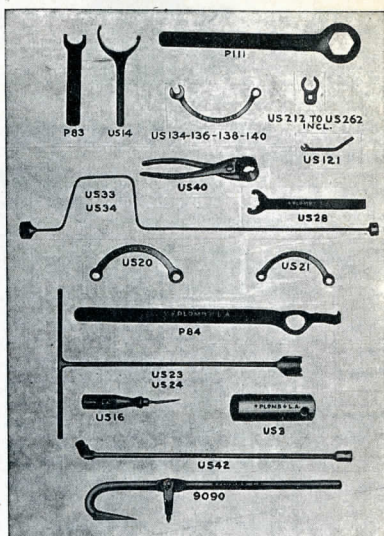
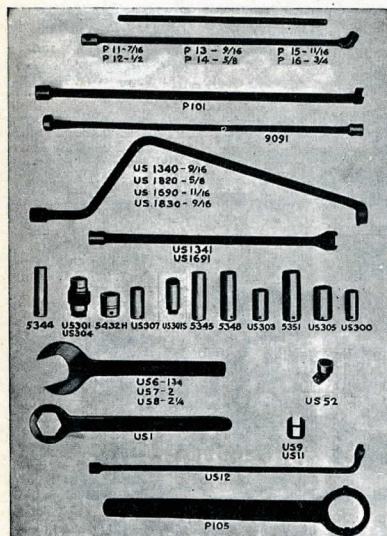
Blade 2" long, with handle 4" long, $1\frac{1}{16}$ " diameter. $\frac{5}{16}$ " square shank, with $1\frac{1}{32}$ " bit. Useful for overhead tappets and turning screws in close places.

Tappet Wrench Data

This table shows sizes of wrench openings needed. 2034, shown on page 46, with the proper size socket is recommended for valve-in-head motors.

Make of Car	Models	Sizes Needed	Make of Car	Models	Sizes Needed
Auburn	All 1934, '35, '36, 8-100 to '33 incl.	One each $\frac{1}{2}$ ", $\frac{9}{16}$ ", $\frac{5}{8}$ "	Nash	'28, '29 Stand. 6	Two $\frac{9}{16}$ ", One $\frac{5}{8}$ "
	12-160	Two $\frac{1}{2}$ " (1 box)		'30 Sing. Ign. 6,	
		One $\frac{1}{2}$ "		'31 6 & Small 8;	
Austin	All since '31	One $\frac{1}{2}$ "		'32, '33 Stand. 6 and 8	One $\frac{9}{16}$ "
Buick	All since '28	One $\frac{9}{16}$ "		All others '28, '29, '30, '31	
Cadillac	All since '36	Self-adjusting		All Big 8's since '32 and 6's since '34	
	All '28 to '35	One $\frac{9}{16}$ "			Three $\frac{9}{16}$ "
Chevrolet	All since '28	One $\frac{5}{8}$ "	Oakland	1928-1929	One $\frac{1}{2}$ ", Two $\frac{9}{16}$ "
Chrysler	All since '34	Two $\frac{1}{2}$ "		1930-1931	One $\frac{3}{8}$ ", One $\frac{1}{2}$ "
	Imperial 8	Two $\frac{1}{4}$ ", One $\frac{5}{8}$ "	Oldsmobile	'28 to '36	One $\frac{1}{2}$ ", Two $\frac{9}{16}$ "
	'37 C14, C16	One $\frac{7}{16}$ ", One $\frac{1}{2}$ "		1937	Three $\frac{1}{2}$ "
Cord	'29 to '31	One $\frac{1}{2}$ ", One $\frac{9}{16}$ ", One $\frac{5}{8}$ "	Overland & Whippet	All '27 to '29	Two $\frac{1}{2}$ ", One $\frac{9}{16}$ "
	'36-'37	One $\frac{3}{4}$ ", One $\frac{1}{2}$ "	Packard	All since '28	Two $\frac{9}{16}$ "
De Soto	Early 1937	One $\frac{1}{2}$ ", One $\frac{3}{8}$ "	Peerless	All since '31	Two $\frac{1}{2}$ ", One $1\frac{1}{16}$ "
	All others	Three $\frac{1}{2}$ "	Pierce-Arrow	1931	Two $\frac{1}{2}$ ", One $1\frac{1}{16}$ "
Dodge	All since '31	Two $\frac{1}{2}$ "		1932	Two $\frac{9}{16}$ ", One $1\frac{1}{16}$ "
Erskine	1928-1929	One each $\frac{1}{2}$ ", $1\frac{1}{32}$ ", $1\frac{1}{16}$ "		All since '33	Self-adjusting
	1930	Two $\frac{1}{2}$ ", One $1\frac{1}{16}$ "	Plymouth	1928 to 1930	One $\frac{1}{2}$ ", Two $\frac{9}{16}$ "
Essex and Terraplane	All since '28	Two $\frac{1}{2}$ "		All since 1931	Three $\frac{1}{2}$ "
Franklin	All since '28	One $\frac{9}{16}$ "	Pontiac	'28, '29	One $\frac{1}{2}$ ", Two $\frac{9}{16}$ "
Graham	All since '30	One $\frac{1}{2}$ ", Two $\frac{9}{16}$ "		'30 to '34	Two $\frac{1}{2}$ ", One $\frac{9}{16}$ "
Gra-Paige	and '28, '29 Six	Two $\frac{9}{16}$ ", One $1\frac{1}{16}$ "		'35 to '37	Three $\frac{9}{16}$ "
Gra-Paige	'28, '29 8's	Two $\frac{1}{2}$ "	Reo	8-21	One $\frac{1}{2}$ ", Two $1\frac{1}{16}$ "
Hudson	All since '30	Two $\frac{9}{16}$ "		Mate and Wolverine	One $\frac{1}{2}$ ", One $\frac{9}{16}$ ", One $1\frac{1}{16}$ "
	1928 to 1930	Two $\frac{9}{16}$ "		All others	Two $\frac{1}{2}$ ", One $\frac{9}{16}$ "
Hupmobile	All Eights	Two $\frac{1}{2}$ "	Rockne	1932-1933	Two $\frac{1}{2}$ ", One $\frac{9}{16}$ "
	'28, '29, '30, '32 Six	One $2\frac{1}{32}$ ", Two $\frac{3}{4}$ "	Roosevelt	'28 to '30	Two $\frac{9}{16}$ ", One $\frac{5}{8}$ "
	'31 Six	One $\frac{1}{2}$ ", Two $\frac{5}{8}$ "	Studebaker	'28 to '33	One $\frac{1}{2}$ ", One $1\frac{1}{32}$ ", One $1\frac{1}{16}$ "
	'33 Six	Two $\frac{1}{2}$ "		'34, '35	Two $\frac{1}{2}$ ", One $\frac{9}{16}$ "
	'34, '35 Six	Three $\frac{9}{16}$ "		'36, '37	One $\frac{1}{2}$ ", Two $\frac{9}{16}$ "
Lafayette	1935-1936	One $\frac{9}{16}$ "	Terraplane	All	Two $\frac{1}{2}$ "
La Salle	All since '28	Two $\frac{1}{2}$ "	Viking	1930 V8	Two $\frac{1}{2}$ "
Lincoln	All since '28	One $\frac{9}{16}$ "	Whippet	1927 to 1929	Two $\frac{1}{4}$ ", One $1\frac{1}{32}$ "
Marmon	'28, '29 and Mod. 16 '31	One $\frac{9}{16}$ "	Willys	All since '30	Two $\frac{1}{2}$ ", One $1\frac{1}{32}$ "
	All others '30, '31	Two $\frac{9}{16}$ ", One $\frac{5}{8}$ "			

Aviation Tools



The aviation industry creates new problems that tool makers must meet. Special tools must be developed for new and special uses.

Above are illustrated some of the tools that Plumb has built to meet special needs. These tools are not stock items. Some of them may become stock and standard. Others will be forgotten.

Our Engineering Department and our production facilities are always ready to help solve tools problems of aviation.

Plumb's line of tools has grown by the development of properly designed tools for modern needs, and just as we have met the tool problems of the automobile, so we are currently meeting the problems of aviation. Call on us. We will work with you.

CROWFOOT WRENCHES



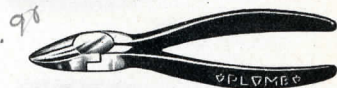
Detachable Crowfoot Wrenches by Plumb are available from stock in opening sizes as shown in opposite table. Used with any 3/8" drive handle or attachment. Polish finish.

Cat. No.	Opening Size	Cat. No.	Opening Size
US 512	3/8"	US 534	1 1/16"
US 514	7/16"	US 536	1 1/8"
US 515	15/32"	US 538	1 3/16"
US 516	1/2"	US 540	1 1/4"
US 518	9/16"	US 542	1 5/16"
US 520	5/8"	US 544	1 3/8"
US 523	23/32"	US 546	1 7/16"
US 524	3/4"	US 548	1 1/2"
US 528	7/8"	US 549	1 17/32"
US 532	1"	US 564	2"
		US 572	2 1/4"

--PLOMB PLIERS--

NO. 206—6" DIAGONAL CUTTING PLIER

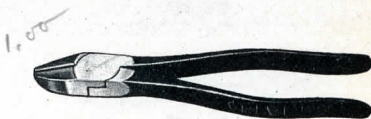
For fast and accurate cutting. Hand-honed cutting edges, perfectly matched. Designed with thin, narrow jaws that will work easily in congested places. Plomb "Name-Nurl" handles assure firm grip.



No. 206

NO. 207—7" DIAGONAL CUTTING PLIER

A well-balanced, ruggedly constructed cutter for heavy service. Oversized rivet for longer life and extra power. Cutting edges hand-honed to perfect match. Form-fitting "Name-Nurl" handles provide slip-proof grip.



No. 207

NO. 215—BRAKE SPRING PLIER

Curved jaw clears edge of brake shoe to bring it in close adjustment with center line of spring. Hook jaw is thin to easily enter under spring. Parts for 215, bolt and nut No. 215B, curved jaw No. 215C, hook jaw No. 215H.



No. 215

NO. 217—STEELDRAULIC BRAKE PLIER

The correct design for reaching the adjusting nut on all cars equipped with steeldraulic brakes.



No. 217

NO. 218—ANGLENOSE BATTERY PLIER

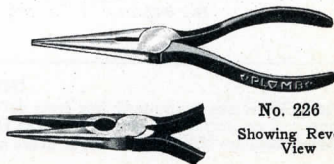
Thin jaws at correct working angle for battery terminal nuts. Plomb "Name-Nurl" handles for positive grip.



No. 218

NO. 226—6" NEEDLE NOSE SIDE CUTTING PLIER

The long slender nose is convenient for restricted quarters. The needle nose with side cutter makes an ideal combination for electrical work. The cutting edges are hand-honed, the grips are the famous Plomb "Name-Nurl."



No. 226
Showing Reverse
View



No. 227



No. 228



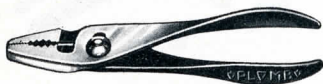
No. 235



No. 236 and No. 238



No. 240



No. 245



No. 247

NO. 227—7½" DUCK BILL PLIER

A very useful plier built for long powerful leverage with Plomb "Name-Nurl" handle grips. A general plier for radio, carburetor, electrical type-writer and adding machine work.

NO. 228—7½" CHAIN NOSE PLIER

A variation of the No. 227 type, length and handles the same, but with narrow nose.

NO. 235—SLIP JOINT IGNITION PLIER

Light and convenient to use. Three position slip joint allows parallel openings up to $\frac{3}{8}$ ". Length 4½". No. 235B, bolt and nut only.

NO. 236—6"; No. 238—8" WRENCH PLIERS

General utility pliers of popular usage. Jaws open up $\frac{7}{8}$ and 1½ inches, on the 6 and 8 inch respectively.

NO. 240—WATER PUMP PLIER

8 position joint allows parallel openings up to 1½ inches. Handles are form-fitting with Plomb "Name-Nurl" grips. Length 9½ inches. No. 240B, bolt and nut only for No. 240 pliers.

NO. 245—5" SLIP JOINT SIDE CUTTING PLIER

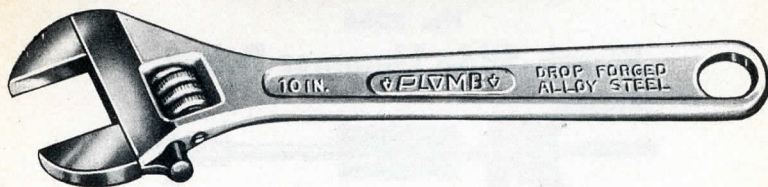
The slender, tapering jaws with two position adjustment makes these pliers convenient and efficient. Plomb "Name-Nurl" grips.

NO. 247—7" SLIP JOINT SIDE CUTTING PLIER

Has slender jaws with two position adjustment. Jaws are deeply cross-broached for positive gripping. Handles with well-known Plomb "Name-Nurl" grip.

IMPORTANT!

Plomb Pliers are guaranteed free from defects in workmanship and material. If found unsatisfactory they should be returned direct to the factory for inspection and adjustment. Dealers or distributors are NOT authorized to make adjustments.



- ADJUSTABLE WRENCHES -

Thin, light and strong with $22\frac{1}{2}^{\circ}$ angle openings. A set of these wrenches is an everyday necessity where mechanical work is done. They are at home in every mechanic's tool chest. Deep-throated openings work with equal efficiency on square or hexagon nuts and bolts.

Cat. No.	Length	Jaws Open Up to
704	4"	5/8"
706	6"	3/4"
708	8"	15/16"
710	10"	1 1/8"
712	12"	1 7/16"

Garage, Pry, Grease, Gear and Wrecking Bars

Rolling Head Bars

New type Gear Bar, with 90° rolling head, is especially valuable for getting into close places behind gears, etc.

No.	Octagon Stock	Length	Weight
2126	1 1/2"	16"	3/4 lbs.
2130	5/8"	18"	1 1/2 lbs.

Conventional Type Garage Bars

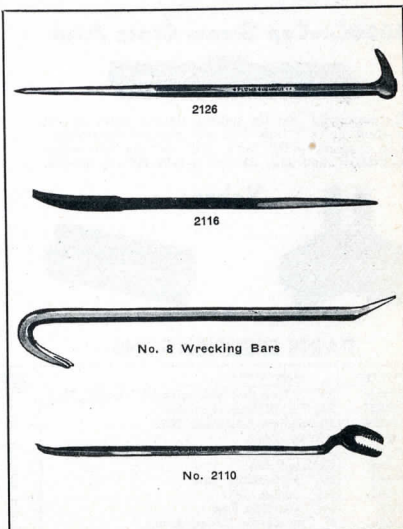
No.	Octagon Stock	Length	Weight
2116	1 1/2"	16"	3/4 lb.
2120	5/8"	18"	1 1/2 lbs.
2124	3/4"	24"	2 3/4 lbs.

No. 8--Ripping or Wrecking Bars

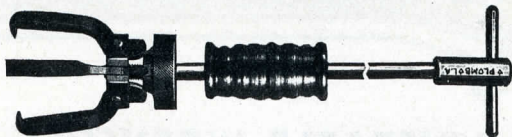
No.	Stock	Length
8	5/8"	18"
8	5/8"	21"
8	3/4"	24"
8	3/4"	30"
8	7/8"	30"

No. 2110—Grease Bar

Wrench like opening offset to clear obstructions and with coarse teeth to prevent slipping. 28" long.



No. 2056 Plomb Slide Hammer Puller



The advantage of a quick, sharp impact on most pulling jobs is well known. A good, solid hammer blow will break loose a tapered or pressed fit in less time than it takes to assemble a screw type puller.

The 2056 with its many different attachments is adapted to a multitude of inside and outside pulling jobs.

Jaws



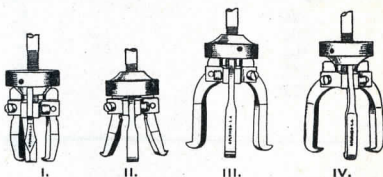
2056J— $3\frac{1}{2}$ " Reversible Jaw.

Pulling Range 0" to 3" Outside, $1\frac{1}{4}$ " to $3\frac{1}{4}$ " Inside.

2056L— $4\frac{1}{2}$ " inside jaw. Range, $3\frac{1}{4}$ " to 6".

4066 — $4\frac{1}{2}$ " outside jaw. Range, 3" to 4".

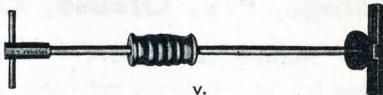
PULLING COMBINATIONS POSSIBLE WITH
SETS LISTED BELOW.



2056C--Cap Screw Cross Arm



Exceptionally fast for pulling timing gears having cap screw holes in hub. For any member not accessible to ordinary puller jaws, drill and tap two holes, attach 2056C and pull. Slotted to take $\frac{3}{8}$ " cap screws.



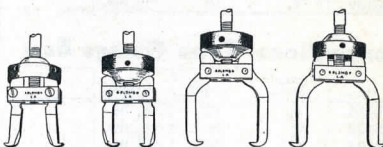
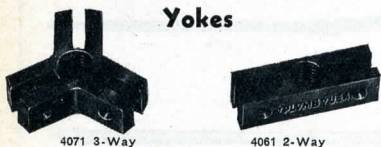
2056 —I and II.

2056A—IV.

2056B—I, II, and IV.

2056D—I, II, III, IV, and V.

Yokes



2-jaw combinations possible with addition of 4061 2-way yoke.

PARTS SPECIFICATIONS

Part No.	Description	2056	2056A	2056B	2056D	2056AK	2056BK	2056DK
2056R	24" T-Handled Rod with $\frac{5}{16}$ " U.S.S. Nut	1	1	1	1	1	1	1
2056H	$2\frac{1}{2}$ Lb. Sliding Hammer	1	1	1	1			
2056N	Reversible Adjusting Nut	1	1	1	1	1	1	1
4061	2-Way Yoke	....	....	....	....	....	....	....
4071	3-Way Yoke	1	1	1	1	1	1	1
2056P	Knurled Pin	3	3	3	3	3	3	3
2056J	$3\frac{1}{2}$ " Reversible Jaw	3	....	3	3	....	3	3
2056L	$4\frac{1}{2}$ " Inside Jaw	....	....	....	3	....	....	3
4066	$4\frac{1}{2}$ " Outside Jaw	....	....	....	....	3	3	3
2056C	6" Cap Screw Cross Arm	....	3	3	1	....	3	1
2056K	$4\frac{1}{4}$ Lb. Cushion Grip Hammer	....	....	....	....	1	....	....

SETS



NO. 2057-A---SLIDE HAMMER HINGE PIN PULLER



Patent Pending

FOR THE FIRST TIME

A puller that pulls all door hinge pins, regardless how tight or how restricted the working space. The Ford V8 60, standard 85 and 1938 Terraplane lower front hinges hold no terrors for 2057A—it pulls them all—and pulls them in **One Tenth** the time.

2057-A

Puller complete, with 2056K, 2056R, 2057 Body, 2057 G, L, M, and N Punches.

2057-B

For the mechanic who has a Plomb 2056 Slide Hammer Puller. 2057 Body, 2057 G, L, M, and N Punches.

SPECIFICATIONS

Cat. No.	Description
2057	Puller Body
2057 G	1/4" Starting Punch
2057 L	5/16" " "
2057 M	1/4" Drift
2057 N	5/16" " "
2056 K	4# Slide Hammer
2056 R	24" Shaft with T Handle



2057 G & L
Starting
Punches



2057 M & N
Drift
Punches



2057
Puller Body
Patent Pending

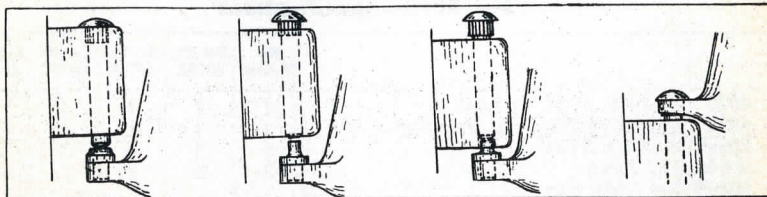
New Cushion-Grip Hammer



Patent Pending

No. 2056-K

Plomb cushion-grip hammer is over-size for tough pulling jobs, it has a thick, resilient, shock absorbing rubber covering, rib bed for super grip and vulcanized to the steel core. Used with 2056 Slide Hammer Puller. Weight, 4 1/8 pounds.



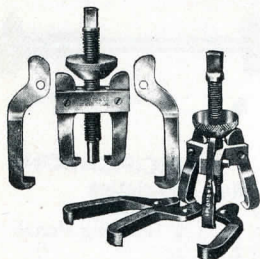
A
Shows pin in normal position, starting punch G or L ready to break it loose.

B
Shows bottom of pin flush with hinge, drift punch M or N in position to follow it up.

C
Drift Punch has raised pin sufficiently to admit claw.

D
Pin comes out with two or three light blows.

No. 4060
2-Way Puller
Wt. 2 lbs.



No. 4070
3-Way Puller
Wt. 2½ lbs.



Showing the two-way cross arm No. 4061.

These two small pullers are designed to pull the little gears on timers, distributors, armatures, cam shafts, etc., quickly and easily. The narrow jaws get into very close places. Adjusting nut holds jaws firmly in position so they can't slip off. Any convenient wrench can be used on the $\frac{5}{8}$ " square head of screw.

Small Pullers

Fast and Easy to Use on the
Little Pulling Jobs

The size and range of both 4060 and 4070 are the same.

Short jaws have range from 0" to 1½"; long jaws from 0" to 3". With No. 2056N, nut used on Slide Hammer Puller, short jaws can be reversed and used for inside pulling.

No. 4060—Specifications

No.	Description	No. Needed	Set No. 4060A	Set No. 4060B	Set No. 4060C	Set No. 4060D
4061	2½" Cross Arm	1	1	1	1	1
4022	7" Screw, 9/16" sq. head	1	1	1	1	1
4063	Knurled Adjusting Nut, 1¾" Diam.	1	1	1	1	
2056P	Pins for Cross Arm	2	2	2	2	2
2056J	3½" Jaws, 0" to 1½" Range	2	2			2
2056N	Rev. Adj. Nut					1
4066	4½" Jaws, 0" to 3" Range	2	2		2	2
			9 pieces	7 pieces	7 pieces	9 pieces

No. 4070—Specifications

		No. Needed	Set No. 4070A	Set No. 4070B	Set No. 4070C	Set No. 4070D
4022	7" Screw, 9/16" sq. head	1	1	1	1	1
4063	Adjusting Nut, 1¾" diameter	1	1	1	1	
2056P	Pins for Yoke	3	3	3	3	3
2056J	3½" Jaws	3	3			3
2056N	Rev. Adj. Nut					1
4066	4½" Jaws	3	3		3	3
4071	3-Way Yoke	1	1	1	1	1
			12 pieces	9 pieces	9 pieces	12 pieces



Pullers

4020 Sets--Medium Size Puller

Excellent Puller for generators, starting and armature gears, bearings, cones, ball races, etc. Thin hand-forged jaws have enormous strength. Jaws are easily and quickly adjusted. Weight complete with box, 4 lbs.

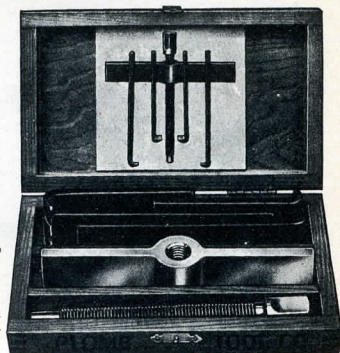


Illustration No. 4020A

4030 and 4010 Sets--Heavy Duty Puller

A Puller that handles the heaviest work. Pulls generator, starter and pinion gears, ball races, drive shaft bushings, wheels, etc. Weight complete with box, 14 lbs. Box similar to illustration above.

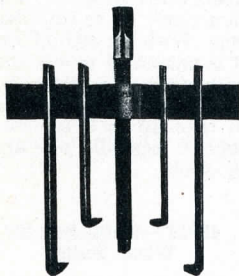


Illustration No. 4010B

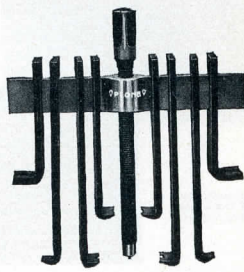
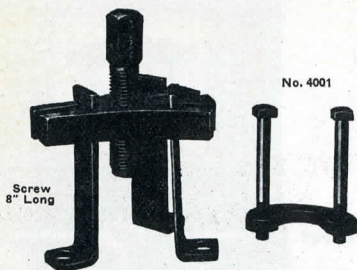


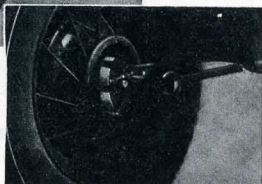
Illustration No. 4030B

No. 4020		Parts	Specifications	Sets		
Cat. No.	Part		Inside Length Cross-arm to Hook	4020A	4020B	4020C
4021	7" Cross Arm			1	1	1
4022	7" Screw			1	1	1
4025	4" Jaws		2"	2	2	2
4026	6" Jaws		4"	2	2	2
4028	5" Cap Screw Jaws		3"			2
4029	Wooden Box $1\frac{3}{8} \times 4\frac{1}{8} \times 7\frac{3}{8}$			1		1

No. 4030		Parts	Specifications	Sets			
Cat. No.	Part No.		Inside Length Cross-arm to Hook	4030A	4030B	4010A	4010B
4011	11" Cross Arm			1	1	1	1
4012	11 $\frac{1}{2}$ " Screw $\frac{3}{4}$ " sq. hd.			1	1	1	1
4014	Ex. Long Jaws 16 $\frac{1}{2}$ "						
4015	7 $\frac{1}{2}$ " Jaws		4 $\frac{3}{4}$ "	2	2	2	2
4016	10" Jaws		7"	2	2	2	2
4017	10" Timing Gear Jaws		7"	2	2		
4018	6" Cap Screw Jaws		3"	2	2		
4019	Wooden Box $1\frac{1}{2} \times 6\frac{3}{4} \times 11\frac{3}{4}$			1		1	



Universal Puller
on a
wire-wheel car.



Pulling the hub of
a Ford V8 car,
using Adaptor.

The Plomb Universal Wheel Puller makes other types of wheel pullers obsolete. For all cars, including Ford with adaptor shown above at right, and some trucks. With No. 4001JT jaws, listed below, pulls wheels of light trucks, such as Ford and Chevrolet.

Parts Specifications

Cat. No.	Description	SETS		
		4001	4001 A	4001 TR
4001B	Puller Body, 6 $\frac{3}{4}$ " Long	1	1	1
4001C	Ford Adaptor Cap	....	....	....
	Screws, 4 $\frac{1}{2}$ " Long	2	2	2
4001J	Leg—Standard Foot, 6" Long	3	3	....
4001JT	Leg—Extra Long Foot 6" Long	....	....	3
4001R	Ford Adaptor Ring	1	1	1
4001S	1" Puller Screw, 8" Long	1	1	1
4001T	Box	....	1	....

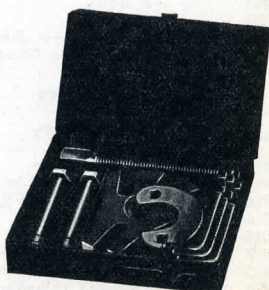
Plomb Universal Wheel Puller

**Handles Practically All
Wire and Disc Wheels
with 3, 4, 5, 6 and
7 Studs**

This is the simplest and fastest wheel puller made. It pulls wheels of practically every car. The Plomb Universal Wheel Puller pulls them all. Legs shown are quickly adjustable to any drum with 3, 4, 5, 6 or 7 studs, in a circle up to 6 $\frac{1}{2}$ " diameter. With No. 4001JT Legs, it is adaptable to any drum with studs in a circle up to 8". Regular legs are drilled to take up to 9/16" studs; 4001JT legs will take up to 3/4" studs.

4001T—Metal Box for Wheel Puller

Box, illustrated below is made of heavy-gauge sheet steel and the No. 4001 Wheel Puller fits into it as shown, 1 $\frac{1}{2}$ " deep, 8 $\frac{1}{4}$ " wide, 8 $\frac{1}{2}$ " long. Three compartments.



No. 4001A—Wheel Puller
in Metal Box.

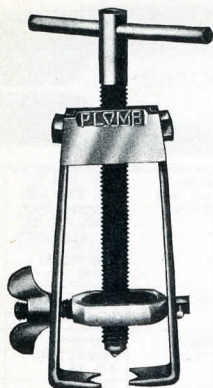
Knock-Off Type Wheel Pullers



No.	Size	Threads to inch	No.	Size	Threads to inch
4410	5/8"	18	4422	7/8"	16
4415	3/4"	16	4423	7/8"	18
4418	1 1/16"	16	4425	1"	14
4420	7/8"	14	4430	1 1/8"	12
			4435	1 1/4"	12

Wheel and Axle Knock-off Data

Make of Car	Models	Knock-off No.	Dodge Truck	1924 to '30, 3/4 ton; 1927 to '29, 1/2 ton	4420	Inter-national Truck	15A, 15B, S, SD, S24, S26, 6 Speed Spec., AW2, A1, A2, B2, AL3, ALF3	4435
Auburn	1927 to '31, 6-66A, 76, 6-80, 6-85, 88, 8-90, 8-95	4420	Federal Truck	1924 to '30, 1 ton-1 1/4 ton	4425	La Salle	1926 to '31: 3/4 ton	4425
	All Others	4425		1924 to '33, 1 1/2 ton	4440		1934 to '37	4425
Austin	All models	4410		1929 to '30, 1 ton	4425	Mack Truck	1916 to '30 Models 8AC, AC, AP	4435
Buick	'36 90, all Std. Series '26 to '30; 1930 to 1935 Series 50 and 60	4425	Ford Truck	1926 to '29, 1 ton F6, FX2, Scout, FW, 2FW, 2F6	4420	Nash	1932-'33 Models 1060, 1120, 1070, 1130	4425
	Master Series 1916 to '30; 1930 to '35 Series 80 and 90	4430		All models.	4410		1926 to '29: Light & Std. Six	4415
Cadillac	1936 V8-60	4425		1930 to '33, 1 1/2 ton	4435		All others	4420
	All Others	4430	G.M.C. Truck	1928-'29, 1 1/2 ton	4420	Oldsmobile Packard	1924 to '37	4425
Chevrolet	1923 to '32 (Early BA)	4415		1919 to '27, 1 ton	4420		1932 to '37	4420
Chevrolet Truck	1931 to '35, Models LT, LS, M, N, O, P, Q (1 1/2 Ton)	4435		1927 to '33—T-40, T-50, T42, T30, T44	4440	Plymouth Pontiac	1923 to '32	4425
	1925 to '31 Commercial and Early '32 BB (1/2 Ton)	4415		1932-'33—1 1/2 ton	4435		1929 to '37	4415
	1932 Late BB (1/2 Ton)	4418		1927 to '31—T19, T25	4431		'32 and later	4420
	1930 Model LR (1 1/2 Ton)	4430		1927-'28—T19	4425	Reo Truck	1926 to '29	4415
	1922 to '29 1 ton & 1 1/2 ton	4425		1919 to '24—3/4-1 ton	4430		All models	4425
Chrysler	1926 to '37, Models 50, 52, CJ, CM, 66, C16; 1930-'31 8's, CO6, CA, CB, C6, C7, C8, CZ8, C16	4415	Graham	1928 to '36: Models 610, 53, 612, 646, 54, 56, 6-74, 6-80	4420	Sterling Truck	All 1 1/2 Ton, 1928 to '31 1 Ton	4425
	All Others	4420		1928 to '36: Models 614, 619, 621, 629, 827, 835, 837, Cust.	4425		1924 to '26, "F", 1927-'31 1 1/2 ton	4430
	All Models	4415		8, 65, 67, 68, 73, 6-90, 6-110	4425	Studebaker	All others	4435
De Soto	1930 to '37 DD, DH, DL, DC, DG, DP6, DR, DS, DU, D2, D5	4415		1928 to '35: Models 615, 645, 42, 822, 834, 820, 57, 69, 75	4436		1930—1 1/2 Ton	4420
Dodge	All Others	4420	Hudson	1934 to '37	4401	Studebaker Truck & Bus	1929—DB7—1 1/2 Ton	4425
	Univ. Puller	4400		1930 to '33	4423		Eights except '35 Model C, '33 8-82; 1920 to '27 Big Six, Spec. Six	4425
Terraplane	1930 to '32	4423	Indiana Truck	1921 to '30	4420		All others	4420
	1924 to '29 six	4410		1925 to '30 Models 11, 11X, 611, 60, 64, 74, 200, 300	4425	White Truck and Bus	1927 to '33 1/2 and 3/4 Ton	4420
Dodge Truck	1929 to '37, 1/2 ton	4415	International Truck	1933 to '37, 3/2 ton, 1924-'28 Models	4420		1925 to '29: 1 and 1 1/4 Ton	4425
				1925 to '32 Models SD, SL, SL34, SL36, SF34, SF36,		Willys	1928 to '32, 75 Jr., 76, 77, 88, S20, S30	4435
							1924 to '29 Models 50A, 51	4435
							1929-'30, 15B (Late) 57	4425
							1933 to '37, 77	4415
							1929 to '31 66B	4425
						Yellow Tr. and Coach	All others	4420
							1925 to '28 T2, Knight	4420



No. 4040

Battery Terminal Puller

SPECIFICATIONS

Cat. No.	Description	No. Needed
4040A	Adjusting Cross Arm with Wing Nut	1
4040J	4 1/2" Jaws	2
4040S	5 1/2" Screw with Pin Handle	1
4040U	Puller Body with 2 Cap Screws	1

4040—Puller Complete with parts listed above.

Besides being the handiest Battery terminal puller on the market the No. 4040 is also handy for light pulling jobs within its capacity, which is up to 3/4" between ends of jaws and 1" space above the ends. All parts are cadmium-plated.

For Battery Pliers,
See Page 49

Plomb Stud Pullers



No. 4532



No. 4520

New Detachable Wedge Type

Latest development in stud pullers. No. 4520 for 1/4" to 3/8" studs; No. 4532 for studs from 5/8" to 1" turns in a smaller circle and will work much closer to obstructions. The No. 4520, for example, turns in a 2" circle.

Set-screw in side of stud puller prevents loss by keeping wedges in body when not in use.

No. 4520 is 1 1/8" in diameter, 4" long and has 1/2" square service connection.

No. 4532 is 2 1/8" in diameter, 5 1/2" long, and has 3/4" square service connection.

Both sizes will take the longest studs.

Standard 1/2" Square Drive

No.	Description
4520	Stud Puller Complete with 4521 and 4522 Wedges; Capacity, 1/4" to 5/8" Studs.....
4521	Thick Wedge, Capacity 1/4" to 7/16".....
4522	Thin Wedge, Capacity 1/2" to 5/8".....

Heavy Duty 3/4" Square Drive

4532	Heavy Duty Stud Puller, with 4533 and 4534 Wedges; Capacity 5/8" to 1" Studs.....
4533	Thick Wedge, Capacity 5/8" to 3/4".....
4534	Thin Wedge, Capacity 3/4" to 1".....

Eccentric Type Stud Pullers 1/2" Square Drive

One of the best of this type. Knurled nut jams on stud when turned. 1/2" square drive in end, or open-end wrench can be used on body.



No.	Fits Studs	Use Wrench	With Roller
4508	3/8" to 1/2"	1"	No. 4511
4510	1/2" to 5/8"	1 1/4"	No. 4511

Knurled Rollers for Eccentric Type

No.	Size	Cap'y with 4508	Cap'y with 4510
4511	3/4" x 7/8"	3/4" to 1/2"	1/2" to 5/8"
4512	3/4" x 1"	1/4" to 3/8"	3/8" to 1/2"



World's Finest Screw Drivers

Blades Forged from Tungsten Alloy Steel with Wood Handles.
All have Steel Caps except the Electrical Type.

No.	Overall Length	Blade Length	Shank Size	Bit Width
General Purpose Type—Blade Through Handle				
9701	4 1/4"	1 1/2"	3/16"	3/16"
9702	6 5/8"	2 1/2"	3/16"	3/32"
9704	9"	4"	1/4"	3/32"
9706	12 1/4"	6"	5/16"	11/32"
9708	14 3/8"	8"	3/8"	7/16"
9710	16 3/4"	10"	3/8"	7/16"
9712	18 3/4"	12"	3/8"	7/16"
9714	22 3/4"	14"	7/16"	9/16"

No.	Overall Length	Blade Length	Shank Size	Bit Width
Electrical Type—No Metal Cap				
9722	5 1/4"	2 1/2"	3/8"	3/8"
9724	7 1/4"	4 3/2"	3/8"	3/8"
9732	8 7/16"	4"	3/16"	3/16"
9733	11 13/16"	7 1/2"	3/16"	3/16"
Cabinet Type—Long Slim Blade Through Handle				
9741	13 3/8"	9"	3/16"	7/32"
9742	14 1/2"	9 1/2"	1/4"	9/32"
9743	16 1/8"	10"	5/16"	11/32"

9700A—Popular Set, consisting of 9701, 9702, 9704, 9706, 9708, 9710 and 9741, 7 Screwdrivers.

For Short Types See Next Page



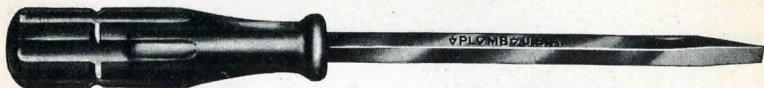
Moulded-Plastic-Handle Screw Drivers

Supreme Quality of this Type

Handles moulded plastic, non-conductor of electricity. Round shank, full-polished, is forged of tungsten alloy steel, scientifically heat-treated to make bit tough and shank spring and strong. The ferrule of these screwdrivers is an integral part of shank; it is impossible for handle to turn on tang.

No.	Length Blade	Overall Length	Diam. Shank	Width Bit	SETS	
					9600A	9600B
9604	4"	8"	1/4"	1/4"	X	X
9606	6"	10 1/2"	5/16"	5/16"	X	X
9608	8"	13"	3/8"	13/32"		
9622	2 1/2"	5 1/4"	1/8"	1/8"		X
9624	4 1/2"	7 1/4"	1/8"	1/8"	X	X
9632	4"	7 1/2"	3/16"	3/16"		X
9633	7 1/2"	11"	3/16"	3/16"	X	X
9638	13 1/2"	17"	3/16"	3/16"		
9642	9"	13"	1/4"	1/4"		X
9643	10"	14 1/2"	5/16"	5/16"	X	X
*9651	1"	27/8"	3/16" Sq.	1/4"		
*9652	1 1/2"	37/8"	1/4" Sq.	9/32"	(5 Items)	(8 Items)

* Illustrated on next page.



PLASTIC HANDLES

SQUARE BLADES

The blades are forged from tungsten alloy steel. Handles are moulded plastic perfect non-conductors of electricity.

This line of screwdrivers is a companion line to the famous Plumb 9600 series illustrated on page 59.

Moderately priced for those desiring a quality screwdriver that will render perfect satisfaction.

Cat. No.	Length Blade	Overall Length	Shank Size	Bit Width	Sets	
					No. 9800B	No. 9800C
9804	4"	8"	1/4" sq.	9/32"	x	x
9806	6"	10 1/2"	5/16" "	11/32"	x	
9822	2 1/2"	5 1/4"	1/8" "	1/8"	x	x
9832	4"	7 1/2"	3/16" "	3/16"	x	x
9833	7 1/2"	11"	3/16" "	3/16"	x	
9842	9"	13"	1/4" "	9/32"	x	x
9843	10"	14 1/2"	5/16" "	11/32"	x	
					7 Items	4 Items

Short Screw Drivers

No. 9651



Blade 1" long, 1/4" bit; 2 7/8" overall length. Moulded plastic handle.

No. 9652

1 1/2" blade, 9/32" bit, 3 7/8" overall length. Moulded plastic handle.



No. 100—Key Ring Screw Driver

Hand-forged, individually heat-treated, 2-1/4" long.

Offset Screw Drivers

For drag link adjustments, brake work, and work in close places. Bits at right angles to each other.

- No. 35 1/4—1 1/4" Oct. Stock, 3" long.
- No. 36 1/4—1 1/4" Oct. Stock, 4 3/4" long.
- No. 36 1/16—3/16" Oct. Stock, 5" long.
- No. 36 3/8—3/8" Oct. Stock, 6 1/8" long.
- No. 36 1/2—1/2" Oct. Stock, 7" long.



No. 9752 Wood Handle

Blade 1 3/4" long, with handle 4 1/4" long, 1-3/16" octagon. 5/16" square shank, with 11/32" bit.

PLOMB

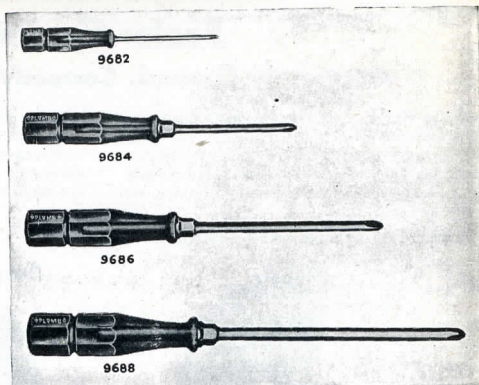
PHILLIPS

TYPE

SCREW

DRIVERS

With
Moulded-Plastic
Handles



4 Screw Drivers Handle All Phillips Screws

The four sizes of Plomb Phillips screw drivers illustrated above drive the entire range of screw and bolt sizes. With slotted screws, at least seven or eight drivers are required.

Cat. No.	Phillips No.	Diam. Stock	Blade Length	Overall Length
9682	1-A	$\frac{9}{64}$ "	3"	$5\frac{3}{4}$ "
9684	2-A	$\frac{3}{16}$ "	4"	$7\frac{3}{4}$ "
9686	3-A	$\frac{5}{16}$ "	6"	$10\frac{1}{2}$ "
9688	4-A	$\frac{3}{8}$ "	8"	13"

9680A Set—Four Screw Drivers as listed.

Plomb Screw Drivers in Relation to Phillips Screw and Bolt Sizes

	9682	9684	9686	9688
Wood Screws				
Flat & Oval Hd.	#4 & smaller	#5 to #9, incl.	#10 to #16, incl.	#18 & Larger
Round Head	#4 & smaller	#5 to #10, incl.	#11 to #16, incl.	#18 & Larger
Mach. Screws				
Flat, Oval and Fillister Head	#4 & smaller	#5 to #10, incl.	#12 to $\frac{3}{16}$ ", incl.	$\frac{3}{8}$ " & Larger
Round Head	#5 & smaller	#6 to #10, incl.	#12 to $\frac{3}{16}$ ", incl.	$\frac{3}{8}$ " & Larger
Stove Bolts				
Flat, Oval and Fillister Head		$\frac{1}{8}$ " to $\frac{3}{16}$ ", incl.	$\frac{1}{4}$ " and $\frac{5}{16}$ "	$\frac{3}{8}$ " and $\frac{1}{2}$ "
Round Head	$\frac{1}{8}$ "	$\frac{5}{16}$ " and $\frac{3}{16}$ "	$\frac{1}{4}$ " and $\frac{5}{16}$ "	$\frac{3}{8}$ " and $\frac{1}{2}$ "
Case-Hardened Sheet Metal Screws				
Flat, Oval and Low Fillister Head	#4	#5 to #10, incl.	#12 to #14, incl.	
Round Head	#4 and #5	#6 to #12, incl.	#14	



Stub Phillips Screw Driver No. 9671

Moulded - Plastic Handle,
overall length $2\frac{7}{16}$ ",
with No. 2 Phillips
Point

See table showing relation
of driver to screws and
bolts

Feeler Gauges

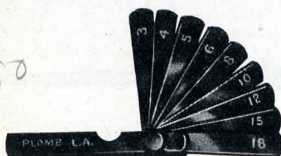
Accurately Ground, Correctly Heat Treated

Plumb Feeler Gauges are the finest quality it is possible to produce. An exceptionally fine grade of steel is used. Each blade is ground to absolute accuracy, fully polished, then heat-treated to give it the exceptional hardness required to make it re-

tain the correct thickness for a long period of constant use.

No pains have been spared to make these gauges absolutely the best, yet their cost is no higher than for blades of inferior quality.

Standard Thickness Gauges



Step-Cut Feeler Gauges



Each Blade has two different thicknesses, carefully ground and exactly true. A quality far superior to those usually offered to the trade; heat-treated to remain true after long use.

No.	Thicknesses	Width Blade	Length Blade
004/6	.004"—.006"	1/2"	3 3/4"
005/7	.005"—.007"	1/2"	3 3/4"
006/8	.006"—.008"	1/2"	3 3/4"
007/9	.007"—.009"	1/2"	3 3/4"
008/10	.008"—.010"	1/2"	3 3/4"
009/11	.009"—.011"	1/2"	3 3/4"
010/12	.010"—.012"	1/2"	3 3/4"
011/13	.011"—.013"	1/2"	3 3/4"

No. 000B—Set of 4 Step-Cut Gauges: Nos. 004/6, 006/8, 008/10, 010/12, with No. 000C Holder.

No. 000C—Holder only.

No. 000E—Brake Gauge Set

(Blades not sold separately)



Consists of 9 blades, 3/16" wide by 4" long, of the following thicknesses: .006", .008", .010", .012", .014", .016", .018", .020" and .025".

* For Studebaker.

† For Chevrolet.

No. 000A—Set of the following 9 gauges, one each: Nos. 003, 004, 005, 006, 008, 010, 012, 015 and 018, in No. 000C Holder.

No. 000C—Holder only, without blades.

No. 000D—Ignition Gauge Set

(Blades not sold separately)



This set consists of 10 blades, 3/16" wide by 1 1/2" long, in Holder. Thicknesses as follows: .011", .012", .014", .018", .020", .022", .025", .028", .032", and .035". Complete in Holder.



WAREHOUSE STOCKS IN
NEW YORK—CHICAGO—PITTSBURGH—ATLANTA
KANSAS CITY—DALLAS—PORTLAND, ORE.



FACTORY
LOS ANGELES

Water Pump Tools

30° Water Pump Wrenches



Hand-forged from finest steel; head at proper angle to clear generators, manifolds, etc., which usually obstruct packing nuts. Full polished finish.

S. A. E., U. S. AND AMERICAN STANDARD SIZES ON PAGE 4

No.	Milled Opening	Overall Length
3632	1"	6 1/4"
3638	1 1/16"	6 15/16"
3640	1 1/8"	7 1/8"
3642	1 3/16"	7 1/4"
3644	1 1/2"	7 7/8"
3646	1 7/16"	7 9/16"
3648	1 1/2"	7 11/16"
*6501	1 3/8"	8 1/4"

*See description on Page 58.

No. 240—Adjustable Water Pump Pliers



Eight position joint allows openings up to 1 5/8". Thin and light. Length, 9 1/2".

No. 240B—Extra Bolt and Nut.

Special Water Pump Spanners



No. 6540—A new spanner that is necessary for the water pump assembly of the 1937 V8-60.

Special Brake Tools

This set meets the need for modern brake service equipment. Each wrench is needed, and you'll seldom need any tool not found in the set. May be purchased as a set in leatherette roll, or tools bought separately.

No. Description

36 —3/8" Offset Screw Driver, 4 3/4" long. The right size to handle all brake work where an offset screw driver is needed to get into confined places. 3/8" stock, 3/8" wide bits at right angles to each other. Hand forged.

1147—1 1/16"x1-11/16" 15° Box Wrench, 16" long.

2006—Star Nut Adjusting Wrench for 2-shoe Bendix brakes. Scientifically designed to clear obstructions and locate and adjust star nut.

2010—3/16"x1/4" Open End Wrench, for eccentric screws on Bendix brakes.

2011—3/16"x3/8" Open End Wrench, for eccentric screws on Bendix brakes.

2015—Brake Spring Pliers. Improved design for quick, easy removal and replacement of internal brake springs. 12 3/4" long. Natural blue finish.

3025—7/16"x1 1/2" Open End Wrench, 5" long.

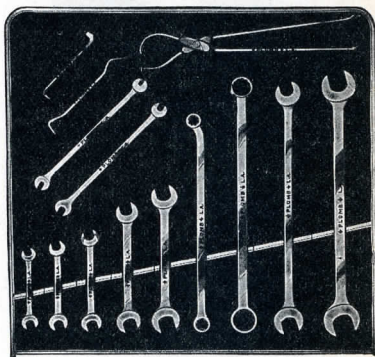
3026—1/2"x9/16" Open End Wrench, 5 1/2" long.

3030—3/16"x5/8" Open End Wrench, 6 1/4" long.

3035—1 1/16"x3/4" Open End Wrench, 8" long.

3038—3/4"x7/8" Open End Wrench.

3040—1 1/16"x7/8" Open End Wrench, 9 1/2" long.



No. 2000B Set

3046—1 1/16"x1 1/16" Open End Wrench.

3048—1"x1 1/8" Open End Wrench.

6502—Ford Brake Wrench. 7/16" 8-point opening for Models, A, B and V8; 1/2" 8-point opening for Ford Trucks. 7/16" end offset 30° for easier working around obstructions. 13" long.

2000A—Brake Tool Set, Tools only.

2000B—Brake Tool Set Complete in No. 2412 15-pocket leatherette roll.

Special Ford Tools



6502



6503



6505



6506



6507



6516



6521



6525



6528



6515

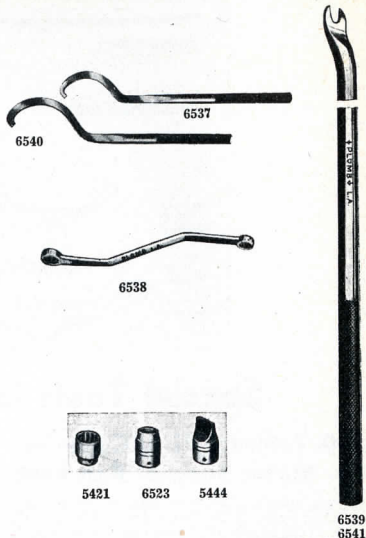


6527

No.	Description
6502	Brake Wrench. Box wrench for all Ford brakes. $\frac{7}{16}$ " 8-point opening for Models A, B and V8. $\frac{1}{2}$ " 8-point opening for Ford trucks. $13\frac{1}{2}$ ".
6503	Crankcase Drain Plug Socket. Fits the 1939 Fords both 60 and 85. The Mercury and Lincoln Zephyr. Used with any $\frac{1}{2}$ " attachment or handle.
6505	Models A and B Wrist Pin Tool. Makes simple, easy job of inserting wrist pins by method of heating pistons to expand hole. See more complete description of method under 6516. $10\frac{1}{4}$ " long.
6506	Ford V8 60 Wrist Pin Tool. The correct tool for installing or removing wrist pins. Pilot is centerless ground to within .001" tolerance.
6507	Valve Guide Punch. For Models A and B. Knocks out split valve guides easily, quickly, saving labor and time.
6515	Main Bearing and Connecting Rod Wrench. For all models. A socket wrench for turning main bearing and connecting rod nuts. $2\frac{1}{32}$ " and $\frac{3}{4}$ " 12-point openings, 16" length.
6516	V8 Wrist Pin Tool. Fast and accurate. Pin is put on tool, pilot and pin inserted in heated piston, and knurled nut drawn up snug by turning with fingers. Pin is then driven into position with hammer or by striking tool on block. To remove pin, heat piston, reverse operation and drive on pilot end. $6\frac{3}{8}$ " long.
6521	V8 Valve Guide Punch. Knocks out the split valve guides easily and quickly.
6523	V8 Con. Rod Nut Socket. This $\frac{9}{16}$ " hexagon thin-nose socket is absolutely essential when working on V8 con. rods. $\frac{1}{2}$ " square drive. Illustrated on the opposite page. Non-Replaceable.
6525	Hub Bolt Punch. Makes it an easy job to upset shoulders on hub bolts and set them firmly in brake drum. For Ford Models A, B and V8. $\frac{7}{8}$ " octagon stock, 6" long.
6527	Headlight Wrench. $1\frac{15}{16}$ " opening is offset and slotted to pass over wires. For '33 and '34 Fords and '34 Terraplanes. 12" long.
6528	Carburetor Jet Wrench. For all V8's, '34 and later. Turns easily with cross pin and knurled shank.....

Continued on Next Page

No.	Description
6537	V8 Gas Tank Spanner. This tool has been redesigned to remove and replace gas tank filler neck of the '37 V8's. A modern tool that services all models. $\frac{7}{16}$ " round stock, knurled handle; overall length, 9".
6538	V8 Shock Absorber Filler Plug Wrench. Filler plugs on Ford Shocks have been made both square and hexagon. This special wrench has $\frac{7}{16}$ " 8-point opening on one end and $\frac{7}{16}$ " 12-point opening on the other, and is offset to clear obstructions. 8" long.
*6539	V8-85 Valve Lifter. Powerful, simple, and with long leverage to easily break loose the toughest guides. Push guide down to remove keeper, then pry with opposite block as fulcrum to force guide out. 30" long.
6540	V8-60 Water Pump Spanner. A new spanner that is necessary for servicing the water pump assembly of the 1937 V8-60.
*6541	V8-60 Valve Lifter. Same as No. 6539 except 24 inches long.
5421	Con. Rod Nut Socket. $\frac{21}{32}$ " 12-point opening, with $\frac{1}{2}$ " square drive.
5444	Drag Link Screw Driver. This size, with $\frac{3}{4}$ " blade width and $\frac{1}{2}$ " square drive, is the one used on Fords.



*(Not replaceable).

Special Ford Socket Sets

No. 5400R Standard Set

$\frac{1}{2}$ " Square Drive

No.	Description
5461	5" Extension
5463	10" Extension
5466	$9\frac{1}{2}$ " Hinge Handle
5466PH	Pin Handle (fits both 5466 and 5468)
5468	18" Hinge Handle
5470	Universal Joint
5482	18" Speeder Handle
5414	$\frac{7}{16}$ " 12-Point Socket
5416	$\frac{1}{2}$ " " "
5418	$\frac{9}{16}$ " " "
5420	$\frac{5}{8}$ " " "
5421	$2\frac{1}{32}$ " " "
5422	$1\frac{1}{16}$ " " "
5424	$\frac{3}{4}$ " " "
5426	$1\frac{1}{8}$ " " "
5428	$\frac{7}{8}$ " " "
5430	1" " "
5432	$1\frac{1}{16}$ " " "
5434	$\frac{9}{16}$ " " "
6523	$\frac{9}{16}$ " Con Rod Socket
5414S	$\frac{7}{16}$ " 8-Point Socket
5418S	$\frac{9}{16}$ " " "
5349	$1\frac{1}{16}$ " 12-Point Deep Socket
5353	$1\frac{1}{8}$ " " "
5475	$\frac{1}{2}$ " 12-Point Universal Socket
5476	$\frac{9}{16}$ " " "
5477	$\frac{5}{8}$ " " "

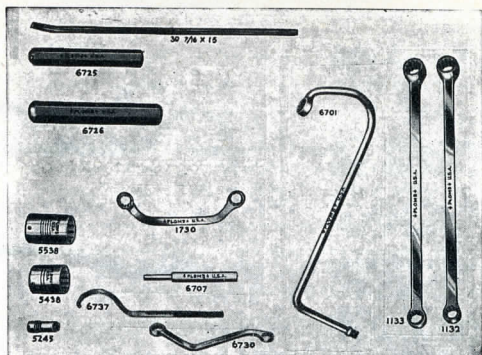
No. 5400R—Ford Standard Socket Set as listed, in No. 5496 Box.

No. 5200H Cub Socket Set

$\frac{3}{8}$ " Square Drive

No.	Description
5249	Ratchet, Reversible
5260	$3\frac{1}{2}$ " Extension
5261	8" Extension
5270	Universal Joint
5280	18" Speeder Handle
	12-Point Sockets
5212	$\frac{3}{8}$ " Opening
5214	$\frac{7}{16}$ " " "
5216	$\frac{1}{2}$ " " "
5218	$\frac{9}{16}$ " " "
5220	$\frac{5}{8}$ " " "
5221	$2\frac{1}{32}$ " " "
5222	$1\frac{1}{16}$ " " "
5224	$\frac{3}{4}$ " " "
5246	Screwdriver Socket
	8-Point Sockets
5114	$\frac{7}{16}$ " Opening
5118	$\frac{9}{16}$ " " "
	12-Point Universal Sockets
5275	$\frac{1}{2}$ " Opening
5276	$\frac{9}{16}$ " " "
5277	$\frac{5}{8}$ " " "
5278	$1\frac{1}{16}$ " " "

No. 5200H—Ford Cub Socket Set Complete as listed, in No. 5295 Box.



Special Tools for Chevrolet Cars

No. 30. 7/16x15, Rivet Cutter for Chev. Motor Support Bolt Lock

Designed especially to open lock on right front motor support bolt of Chevrolets from 1933 to 1937, inclusive. Lock is difficult to reach as it is obstructed by timing gear case. This tool makes the job easy and can save its price on one job. Also useful for cutting small bolts and rivets in hard-to-reach places. 7/16" stock, 15" long.

Main Bearing Wrenches

These extra-long box wrenches with deep-lipped, thin-walled openings to fit recessed bearing nuts on Chevrolet, are ideal for working on the main bearings. They give powerful leverage and the 20° angle heads give ample clearance and a full swing.

No. 1132— $\frac{3}{4}$ " and $\frac{3}{4}$ " 12-point openings, for '29 to '32 models, and fits transmission nuts, head bolts, spring clips, etc. 15" long.

No. 1133—11/16" and $\frac{3}{4}$ " 12-point openings, for Models from 1933 to '36, inclusive. 15" long.

No. 1730—Starter & Manifold Wrench

This hand-forged box wrench, obstruction type, is crescent-shaped to easily reach and turn Chevrolet starter and manifold nuts, as well as other nuts of these sizes in hard-to-turn places. 9/16" and $\frac{5}{8}$ " 12-point openings. Full-polished finish.

No. 5245—Oil Pan Screw Driver

$\frac{3}{4}$ " Square Drive

Makes a quick, easy job of Chevrolet oil pan work. Pilot fits over head of screw, holding screwdriver in position for small spinning with Cub $\frac{3}{4}$ " square drive handles. Bit $\frac{1}{4}$ " wide, 1/16" thick; nose of pilot $\frac{3}{8}$ " diameter; over-all length, 17 $\frac{1}{2}$ ".

No. 5438—'32 Axle Nut Socket

$\frac{1}{2}$ " Square Drive

$\frac{1}{16}$ " 12-point opening is a special size required for 1932 axle nut. This socket for use with $\frac{1}{2}$ " square drive handles.

No. 5538—'32 Axle Nut Socket

$\frac{3}{4}$ " Square Drive

This is the heavy-duty size of $\frac{1}{16}$ " 12-point socket, which is essential for turning the 1932 Chev. axle nut.

No. 6701—Chev. Head Wrench

For head bolts on all Chevrolets. Especially useful on '37 models, which has head bolt obstructed by rocker arm shaft. It is turned easily with $\frac{3}{4}$ " 12-pt. box opening. Opposite end has $\frac{1}{2}$ " square drive for turning other head nuts with $\frac{3}{4}$ " socket. $\frac{9}{16}$ " stock, 13 $\frac{3}{4}$ " overall length.

Valve Guide Punch

Make valve guide removal and replacement easy. Carefully heat-treated to make hard and tough. Will remove tightest guides no matter how badly carbonized. Full-polished finish.

No. 6707—For $\frac{1}{16}$ " guides. 5" long.

No. 6708—For $\frac{1}{32}$ " guides. $7\frac{1}{2}$ " long.

Chevrolet Hub Bolt Punches

These punches, made of the same fine steel as Plumb punches and chisels, and carefully heat-treated, make a quick, easy job of upsetting the knurled shoulders of Chevrolet hub bolts on both wire and disc wheels.

No. 6725— $\frac{7}{8}$ " stock, 6" long, for passenger cars.

No. 6726—1 $\frac{1}{8}$ " stock, 7" long, for Chev. Trucks.

Continued on Next Page

SPECIAL CHEVROLET TOOLS—(Continued)

No. 6730, Chev. Motor Support and Steering Eccentric Wrench

9/16" x 5/8" 12-pt. Openings

A valuable 4-purpose tool with which the mechanic can perform the following work: (1) Turn right front motor support bolt, which is obstructed by timing gear case on Chevrolets from 1933 to 1937, inclusive. (2) Make steering eccentric adjustments, models up to and including 1936. (3) Turn starter bolts on models up to and including 1936. (4) Reach and turn

manifold bolts on all models. Correctly offset and bent to make these jobs easy. Saves time and money in servicing Chevrolets. Both 5/8" and 9/16" openings, because of the special offset, make this a handy wrench on all present day cars.

No. 6737, Chev. Gas Tank Spanner

Designed to work perfectly in the limited space under shelf in rear baggage compartment when removing and replacing gas tank filler neck on late models. 7/16" stock, knurled grip; overall length, 9 5/8"

Special Chevrolet Socket Sets

The Chevrolet mechanic needs a specialized socket set—there are certain sizes and types of sockets and handles that are constantly needed, while others may be excess baggage. Therefore,

it pays to buy a special set like those described below—the mechanic saves money and is better satisfied. Many mechanics, however, prefer to make up their own special sets.

No. 5200J—Chev. Cub Set

3/8" Square Drive

No.	Description
Attachments	
5249	Cub Ratchet
5260	3 1/2" Extension
5270	Universal Joint
5280	18" Speeder Handle
12-Point Sockets	
5214	7/16" Opening
5216	7/8" " "
5218	9/16" " "
5220	5/8" " "
5222	1 1/16" " "
5224	3/4" " "
12-Point Universal Sockets	
5275	1 1/4" Opening
5276	9/16" " "
5277	5/8" " "
8-Point Sockets	
5114	7/16" Opening
5120	5/8" " "
Special Item	
5245	Oil Pan Screw Driver

No. 5400V—Chev. Std. Set

1/2" Square Drive

No.	Description
5461	5" Extension
5463	10" Extension
5466	9 1/2" Hinge Handle
5466PH	Pin Handle
5468	18" Hinge Handle
5470	Universal Joint
5482	18" Speeder Handle
12-Point Sockets	
5414	7/16" Opening
5416	1 1/2" " "
5418	9/16" " "
5420	5/8" " "
5422	1 1/16" " "
5424	3/4" " "
5426	13/16" " "
5430	1 5/16" " "
5432	1" " "
5434	1 1/16" " "
12-Point Deep Sockets	
5341	9/16" Opening
5343	5/8" " "
5345	3/4" " "
5351	1" " "
12-Point Universal Sockets	
5475	1 1/2" Opening
5476	9/16" " "
5477	5/8" " "

No. 5200J—Chevrolet Cub Socket Set Complete, in No. 5295 Box.

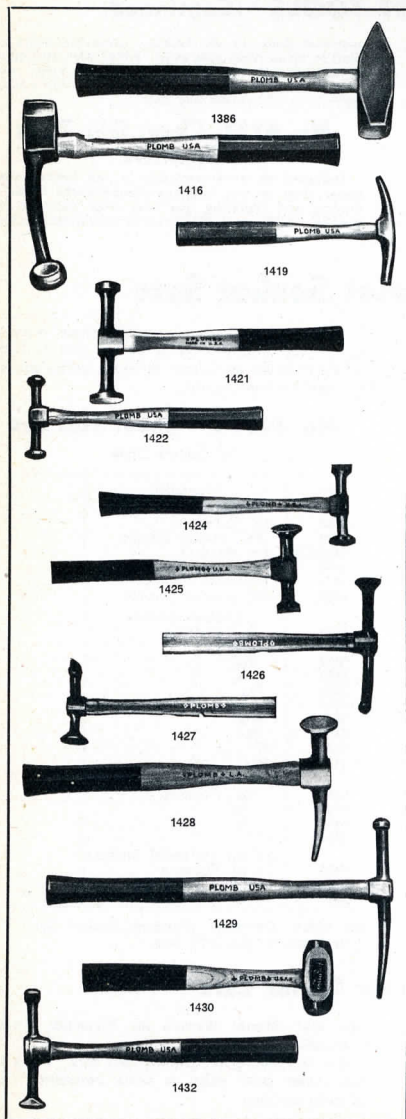
No. 5400V—Chevrolet Standard Socket Set, as listed, in No. 5496 Box.

Special Tools for Other Cars



No. 6601—Starter Wrench for Plymouth, Dodge, Chrysler, De Soto.

For late models of Chrysler-built cars. Turns the top starter bolt, which is badly obstructed. 5/8" 12-point opening.



Body and Fender Repair Tools

Cat.
No.

Hammers

- 1386 BLACKSMITH HAMMER.** Designed with long head for body, fender, and frame work. 3 pound.
- 1416 LONG HEAD BUMPING HAMMER.** Providing extreme clearance for late model fenders. Weight decreased and perfect balance perfected by means of semi-I-beam neck. Head $9\frac{1}{4}$ " overall, $6\frac{3}{4}$ " clearance, weight 2½ pounds.
- 1419 MAGNETIC TRIM HAMMER.** A favorite design among body men and trimmers because of its long reach and head radii. The head is curved in about the arc of a natural swing. Length of head $5\frac{1}{2}$ ", weight 7 ounces.
- 1421 LARGE FACE 15 OZ. DINGING HAMMER.** A hammer for roughing the bad ones into shape for finishing. Head 6" long, $1\frac{1}{4}$ " and $1\frac{1}{8}$ " round faces, slightly crowned. Wt. $1\frac{1}{4}$ " lbs.
- 1422 LIGHT WEIGHT FINISHING HAMMER.** 1" round face and $1\frac{3}{16}$ " medium crown button pein. Ideal on dural, or for straightening any light metal, such as head lamps, radios, shells, etc. Wt. $\frac{1}{2}$ pound.
- 1424 FINISHING HAMMER.** Light weight, perfectly balanced. Round face, $1\frac{1}{4}$ " diameter, slightly crowned; $1\frac{1}{16}$ " square face. Weight, $\frac{1}{2}$ lb.
- 1425 FINISHING HAMMER.** Heavier than 1424, weight approx. 1 lb. Round face, slightly crowned, $1\frac{1}{2}$ " diameter; $1\frac{1}{8}$ " face.
- 1426 LONG-BODIED FINISHING HAMMER.** Gets under high crowned fenders and other places where longer clearance is needed. $1\frac{3}{8}$ " round face, slightly crowned, $3\frac{1}{2}$ " clearance. Rounded cross pein $1\frac{3}{8}$ " wide on other end has 4" clearance. Weight, 1 lb.
- 1427 FINISHING HAMMER.** Weighs $\frac{1}{2}$ lb., similar to 1424 except has wedge-shaped cross pein 1" wide, $2\frac{1}{2}$ " clearance, used for fender beads, sharp corners along panel beading, etc. Round face $1\frac{3}{8}$ " diameter, slightly crowned, 2" clearance. Wt. $\frac{3}{4}$ lbs.
- 1428 PECKING AND FINISHING HAMMER.** Pointed end is used for picking out small dents, in many cases eliminating need of a dolly block. Round face can then be used for finishing the job. Head $5\frac{1}{2}$ " long overall. $1\frac{1}{8}$ " diameter slightly crowned round face. Wt. 15 oz.
- 1429 TURRET TOP PECKING HAMMER.** Eliminates a great deal of uncomfortable reaching with dolly and hammer. Handle 18" long, easily reaches to middle of turret top. Head 9" overall, weight one pound. This hammer combines a long curved pecking point with long necked ballpein.
- 1430 BRASS HAMMER.** Weight $1\frac{3}{4}$ lbs.
- 1432 STRAIGHT & CROSS PEIN HAMMER.** For all concave surfaces as doors, cowl, fenders, turtle backs, etc. Head $6\frac{1}{2}$ " overall, weight 10 ounces. The pein at right angles gives the operator a convenient hammer whatever his working position may be.

[For Hammer Handles See Page 73]

Cat.
No.

Finest Dolly Blocks

- 1452 EGG-SHAPED DOLLY.** A general-purpose shape, with many different curves and angles. $1\frac{1}{8}$ " thick, $2\frac{1}{2}$ " wide, $3\frac{3}{4}$ " long. Weight $2\frac{3}{4}$ lbs.
- 1453 RAILROAD OR GENERAL PURPOSE DOLLY.** A large variety of radii are provided in this dolly, with perfect hand fit. Heavy weight for bumping out dents, thin beading edge and $7\frac{1}{2}$ square inches of working area on the large face are responsible for its popularity. Weight 3 pounds.
- 1454 RADIUS DOLLY.** A general design that has many radii. Bottom and one side flat, both ends high-crowned. $1\frac{1}{32}$ " thick, 2" wide, $4\frac{7}{16}$ " long. Weight, 2 lbs. 10 oz.
- 1455 NEW BEAD DOLLY.** Use for beads or flanges on fenders. Start with wedge end and finish with curved top. Fits into fender flange. The flat side can be worked under long curve of fender. Thin edge useful for corners and beading. Comfortable hand grip. $4\frac{3}{8}$ " long, $2\frac{3}{4}$ " wide, $1\frac{1}{8}$ " thick at top. Wt. $2\frac{1}{2}$ lbs.
- 1456 FENDER WELL DOLLY.** One end long curve, other short curve. Long to give firm grip. $1\frac{1}{4}$ " thick, 2" wide, 5" long. Weight, 2 lbs.
- 1457 SHRINKING DOLLY.** The unique shape, low crowned surface of this dolly gives it an all-purpose use where shrinking of body metal is concerned. Excellent also for raising beads and moulding. Wt. $2\frac{1}{4}$ lbs.
- 1458 HEEL DOLLY, SEMI-ELLIPTICAL.** This dolly provides two flat and two crowned working surfaces. Especially useful in restricted places and can be used for shrink-ing metal. Wt. 2 lbs.

Hand-Forged Spoons

- 1472 RIGHT ANGLE SPOON.** Just the last word in modern design as it will apply in many instances where dollies will not work. Especially designed for turret tops and roof panels. Wt. 3 lbs.
- 1473 LONG, NARROW SPOON.** Mainly used for pushing out small dents in body panels. Face $1\frac{1}{8}$ " wide, 5" long, slightly crowned. $\frac{5}{8}$ " shank 6" long. Weight, 14 oz.
- 1474 LONG, BROAD SPOON.** Useful for all-around work. Slightly-crowned face $2\frac{1}{2}$ " wide, 7" long. Shank $\frac{3}{4}$ " diameter, 5" long. Weight $1\frac{1}{4}$ lbs.
- 1475 SHORT, HEAVY SPOON.** Gives powerful leverage under fender and body brackets, behind corner braces, in door hinge recesses, etc. Tapering face $1\frac{3}{4}$ " at widest point, slightly crowned, 5" long. 1" diameter shank 5" long. Weight $1\frac{3}{4}$ lbs.
- 1476 SHORT, BROAD SPOON.** Sharply curved at end; especially adapted to reaching over and behind top rails when straightening out quarter panels, and for other uses where sharp radius and broad face are needed. Face 2" wide and 4" long around curve. Shank $\frac{3}{4}$ " diam., 5" long. Weight 1 lb.



1452



1454



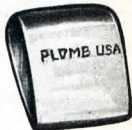
1455



1456



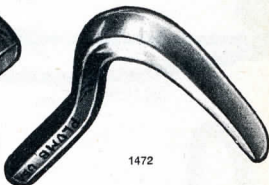
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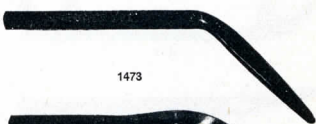
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1472



1473



1474



1475



1476

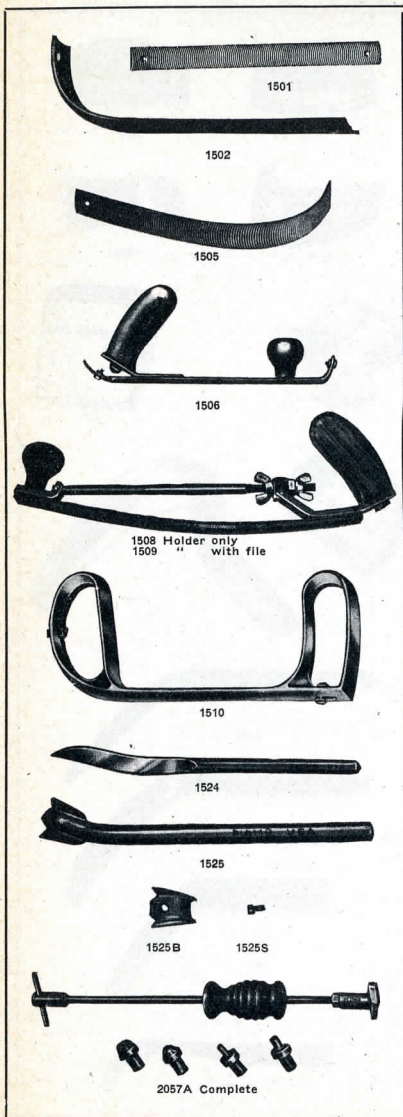
Files and File Handles

- 1501 *STRAIGHT FLEXIBLE PLOMB FILE.** New, quick-cutting type with curved teeth. Finest quality you can buy. $1\frac{3}{8}$ " wide, 14" long.
- 1502 *SPECIAL PLOMB SHELL FILE.** Ten teeth to the inch for above holder, use with 1510 holder.
- 1505 *SPECIAL PLOMB CURVE FILE.** Used for both pull and push stroke. Milled teeth are curved. $1\frac{1}{2}$ " wide, 14" long around curve.
- 1506 SPECIAL PLOMB CURVE FILE HOLDER.** Comfortable wood grips. 10 $\frac{1}{2}$ " long. Holder only.
- 1507 SPECIAL CURVE HANDLE WITH FILE.** Includes No. 1506 Holder with No. 1505 file.
- 1508 ADJUSTABLE FILE HOLDER.** Simple adjustment makes file either concave or convex, or can be used for straight filing. Wood grips shaped to fit hands. 16" long when flat. Holder only.
- 1509 HOLDER WITH FILE.** Includes No. 1508 Holder with 1501 file.

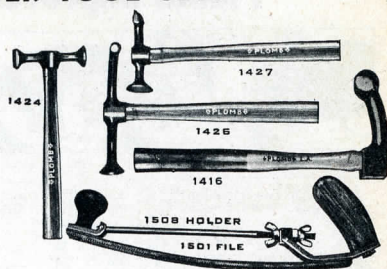
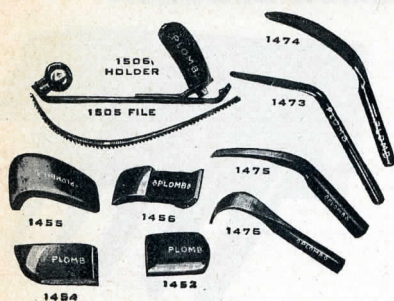
*Files not of our manufacture. They are genuine Vixen Files, manufactured by Heller, but bear our name. Guaranteed by us only as specified by the manufacturer.

Aluminum File Holder

- 1510** A new type file holder designed to take those curves on high. Light weight aluminum alloy with brilliant buffed finish. Convexly shaped for such intricate places as turtle backs, skirted fenders, all steel tops. Pistol shaped handles for sure grip. Weight $\frac{3}{4}$ lb.
- 1511 ALUMINUM FILE HOLDER** with 1502 file complete and assembled.
- 1524 GLASS REMOVING CHISEL.** A practical tool for removing broken glass from window and door channels.
- 1525 RIPPING CHISEL.** Many straightening jobs make it necessary to rip or cut body metal not subject to repair. Designed with removable double edged cutting blade. The life of this chisel is indefinite, and new blades can be purchased at nominal cost.
- 1525B** Extra blade for 1525.
- 1525S** Extra screw for 1525.
- 2057A** Slide Hammer Hinge Pin Puller complete. The fastest and most practical tool ever developed for the stubborn job of pulling hinge pins.



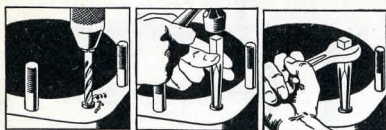
BODY AND FENDER TOOL SETS



The x indicates the item included in the set.

Catalog Number	Description	1400 C Set	1400 D Set	1400 E Set	1400 F Set	1400 G Set	1400 H Set	1400 I Set
1386	3 Pound Blacksmiths Hammer.....			x			x	x
1416	Long Head Bumping Hammer.....	x	x	x				x
1419	Magnetic Trim Hammer.....					x	x	x
1421	Large Face Dinging Hammer.....				x		x	x
1422	Light Wt. Finishing Hammer.....				x		x	x
1424	Finishing Hammer.....	x	x					x
1425	Finishing Hammer.....			x		x		x
1426	Long Bodied Hammer.....	x	x		x		x	x
1427	Finishing Hammer.....		x					x
1428	Pecking Hammer.....			x		x		x
1429	Pecking Hammer.....				x		x	x
1430	Brass Hammer.....			x		x	x	x
1432	Straight and Cross Pein Hammer.....			x		x	x	x
1452	Egg Shaped Dolly.....	x	x			x	x	x
1453	Railroad Dolly.....			x		x	x	x
1454	Radius Dolly.....	x	x			x	x	x
1455	New Bead Dolly.....		x	x			x	x
1456	Fender Dolly.....		x				x	x
1457	Shrinking Dolly.....				x	x	x	x
1458	Heel Dolly.....				x		x	x
1472	Right Angle Spoon.....			x			x	x
1473	Narrow Spoon.....		x				x	x
1474	Long Broad Spoon.....	x	x			x		x
1475	Heavy Spoon.....		x	x		x	x	x
1476	Short Broad Spoon.....		x		x		x	x
1501	Straight File.....		x				x	x
1502	Curved Shell File.....			x	x	x		x
1505	Curved File.....		x				x	x
1506	File Holder.....		x				x	x
1508	Adjustable File Holder.....		x				x	x
1510	Aluminum File Holder.....			x	x	x		x
1524	Glass Removing Chisel.....			x	x	x	x	x
1525	Ripping Chisel.....			x			x	x
2057A	Hinge Pin Puller.....					x	x	x
9920	Tote Tray.....	x	x	x	x	x	x	x
		8 Items	18 Items	15 Items	12 Items	17 Items	27 Items	36 Items

Plumb Improved Screw Extractors



1. Drill Hole 2. Drive in extractor 3. Turn out screw

No.	Size of Small End	Size of Shank	Overall Length	U.S.S. Screw Size	Drill Size	Min. Depth of Hole	Pipe Size
9521	1/8"	3/16"	2 5/16"	(1/8")	1/8"	3/8"	-----
9522	1/8"	3/16"	2 5/8"	(9/16")	1/8"	1/2"	-----
*9523	15/64"	1/4"	2 7/8"	(7/8")	1/8"	1/2"	1/8"
9524	15/64"	1/4"	3"	(7/8")	1/8"	1/2"	1/4"
9525	11/32"	3/8"	3 1/4"	(9/16")	13/32"	9/16"	3/8"

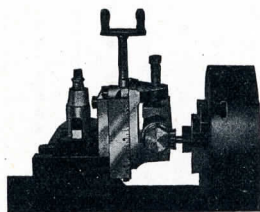
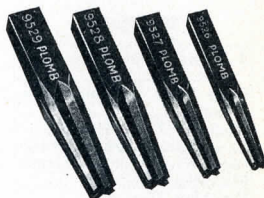
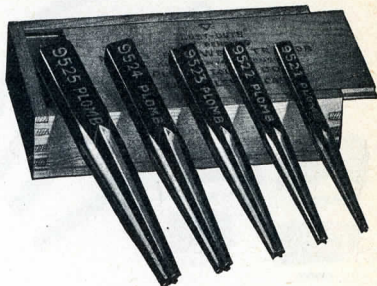
*For broken Alemite fittings.

For Pipe and Fittings

9526	1/4"	1/2"	4 1/2"	3/4"	19/32"	1 1/16"	1/2"
9527	19/32"	5/8"	5"	7/8"	27/32"	1 1/16"	1/2"
9528	23/32"	3/4"	5 1/2"	(1 1/8")	1 1/16"	7/8"	3/4"
				(1 1/4")			
				(1 3/8")			
9529	31/32"	1"	5 1/2"	(1 1/2")	1 1/16"	3/4"	1"

No. 9500A—Nos. 9521 to 9525, inclusive, 5 extractors in wooden slide cover box.

No. 9500B—Set of 9 Extractors, as listed.



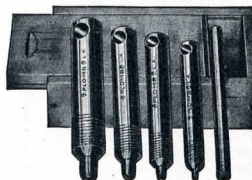
No. 2075

Any Shop with a Lathe Can Do
Most Light Milling Jobs with a

PASCHALL LATHE ATTACHMENT

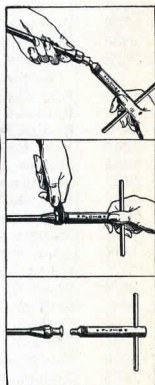
Write for Details

Tube Flaring Tools



Easier to Use—Do a Better Job

Flare tubing in car. Simply rotate point in end to start flare, screw tubing nut tightly on tool and a perfect flare with correct taper is produced.



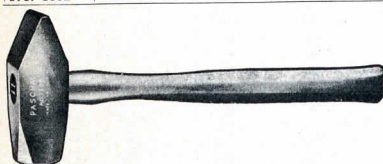
No.	For Tubing Size	Thread Size	Overall Length
9406	3/16"	3/8"-24	3"
9408	1/4"	7/16"-20	3 3/32"
9410	5/16"	1/2"-20	3 13/32"
9412	3/8"	5/8"-18	3 19/32"

No. 9400A—Set of 4 Flaring Tools with Pin Handle, in Slide-Cover Wood Box.

Ball Pein Hammers

Paschall Brand ball pein hammers, made by Plomb are forged from a special analysis alloy steel. Special heat treatments are applied to heads and peins so the full-polished surfaces will not dent or chip under the most severe usage, while body of hammer remains tough and resilient. Handles are finest second growth hickory.

No.	Weight	1 oz.	Overall Length	9 1/2"
No. 1301	"	2 oz.	"	9 3/4"
No. 1304	"	4 oz.	"	10 1/4"
No. 1306	"	6 oz.	"	11 1/8"
No. 1308	"	8 oz.	"	12 1/4"
No. 1312	"	12 oz.	"	13"
No. 1316	"	1 lb.	"	14"
No. 1324	"	1 1/2 lbs.	"	14 1/2"
No. 1332	"	2 lbs.	"	15 1/4"



Blacksmith's Hammer No. 1386

Forged from selected analysis steel with handle of finest hickory, perfectly balanced—three-pound. Handle for above No. 1416H.

No. 1430—Brass Hammer



A general utility brass hammer that is used for many purposes, such as in body and fender work, fitting wrist pins, etc. This one is exceptionally fine quality, made of an alloy brass that is just the right hardness. Handle is first quality, carefully fitted and wedged. Approximate overall length, 11 1/2"; weight, 1 1/4 lbs. Handle for above No. 1316H.



No. EH2--3lb.

Calking Hammers



Magnetic Hammer

No. 1419

A very favorite design because of its long reach and head radii. Length of Head 5 1/2"; weight 7 oz. Handle for above No. 1306H.

HAMMER HANDLE SPECIFICATIONS

Handle Number	Length Inches	Eye	Fits Hammers	
			Ball Pein, etc.	Body and Fender
1301H	10 1/8	5/16 Ro	1301-1302	
1304H	11	3/4 x 1/2	1304	
1306H	11 1/8	5/16 x 3/8	1306	1422
1308H	13 1/8	1 1/2 x 1 1/8	1308	1424-1427
1312H	14 1/8	3/8 x 1 1/8	1312	1432
1316H	14 3/4	3/8 x 3/4	1316	
1324H	16 1/8	7/16 x 3/8	1324-1332	1430
1340H	18	1 1/4 x 1		
1416H	17 3/8	5/8 x 1	1386	1416
1419H	11 1/4	1 1/2 x 5/8		1419
1426H	13	1 3/8 x 1 3/4		1420-1421-1425-1426-1428
1429H	17 3/8	5/8 x 1 1/8		1429

Punches, Chisels and Offset Screw Drivers

Tool Number	DESCRIPTION	Stock in Inches	Length in Inches	Cut	Point or Bit	— Sets —	
						47A Set	50A Set
 No. 41	15-1/2	Aligning Punches	1/2 Ro.	11	1/8"		
 No. 44	15-5/8	" "	5/8 Oct.	16	3/16"		
 No. 50	30-7/16	Rivet Cutters	7/16 "	15	1/2"		
	30-5/8	" "	5/8 "	8	3/4"		
	30-3/4	" "	3/4 "	12	7/8"		
	30-7/8	" "	7/8 "	12	1"		
	35-1/4	Offset Sc. Drivers	1/4 "	3	1/4"		
	36-1/4	" " "	1/4 "	4 3/4	1/4"		
	36-5/16	" " "	5/16 "	5	5/16"		
	36-3/8	" " "	3/8 "	6	3/8"		
	36-1/2	" " "	1/2 "	7	1/2"		
	41-1/4	Center Punches	1/4 "	4 1/4			
	41-5/16	" "	5/16 "	4 3/4			
	41-3/8	" "	3/8 "	4 3/8			
	41-7/16	" "	7/16 "	5 1/4			
	41-1/2	" "	1/2 "	5 1/4			
	41-5/8	" "	5/8 "	6			
	44-1/4	Prick Punches	1/4 "	4 3/4			
	44-5/16	" "	5/16 "	5			
	44-3/8	" "	3/8 "	5 1/4			
	47-1/4	Riv't or Pin Pnch.	1/4 "	4 3/4	3/32"	X	
	47-3/16x1/8	" " " "	5/16 "	5 1/4	1/8"	X	
	47-3/16x3/32	" " " "	5/16 "	5 5/8	3/32"	X	
	47-3/8	" " " "	3/8 "	6 1/8	3/16"	X	
	47-7/16	" " " "	7/16 "	6 3/8	7/32"	X	
	47-1/2x3/16	" " " "	1/2 "	6 3/8	3/16"	X	
	47-1/2x1/4	" " " "	1/2 "	7	1/4"		
	47-5/8	" " " "	5/8 "	7 1/2	5/16"		
	50-3/16	Starting Punches	3/16 "	4 1/4	1/16"		X
	50-1/4	" "	1/4 "	4 3/8	3/32"		X
	50-5/16	" "	5/16 "	5 1/8	3/8"		X
	50-3/8	" "	3/8 "	5 5/8	3/16"		X
	50-7/16	" "	7/16 "	6	7/32"		X
	50-1/2	" "	1/2 "	6 1/2	1/4"		X
	50-5/8	" "	5/8 "	7	5/16"		
	50-3/4	" "	3/4 "	7 1/2	3/8"		
	72-1/4	Cape Chisels	1/4 "	4 1/2	5/32"		
	72-5/16	" "	5/16 "	5	3/16"		
	72-3/8	" "	3/8 "	5 1/2	1/4"		
	72-1/2	" "	1/2 "	6	5/16"		
	72-5/8	" "	5/8 "	6 1/2	3/8"		
	72-3/4	" "	3/4 "	7	1/2"		
	76-1/4	Diamond Chisels	1/4 "	4 1/2	5/32"		
	76-5/16	" "	5/16 "	5	3/16"		
	76-3/8	" "	3/8 "	5 1/2	1/4"		
	76-1/2	" "	1/2 "	6	5/16"		
	76-5/8	" "	5/8 "	6 1/2	3/8"		
	76-3/4	" "	3/4 "	7	1/2"		
	80-1/4	Ro. Nose Chisels	1/4 "	4 1/2	5/32"		
	80-5/16	" "	5/16 "	5	3/16"		
	80-3/8	" "	3/8 "	5 1/2	1/4"		
	80-1/2	" "	1/2 "	6	5/16"		
	80-5/8	" "	5/8 "	6 1/2	3/8"		
	80-3/4	" "	3/4 "	7	1/2"		
	2403	Leatherette Roll				X	X

x Denotes items contained in Sets.

7 Pieces 7 Pieces





No. 96--Long Taper Drift Punches

Cat. No.	Stock	Length	Point	Set No. 96A	Set No. 96B
96-1/4	1/4"	10"	3/16"	x	x
96-3/16	3/16"	10"	1/8"	x	x
96-1/2	1/2"	10"	3/8"	x	x
96-3/4	3/4"	10"	7/16"	x	x
96-1	1"	10"	1"	x	x
96-5/8	5/8"	10"	9/16"	x	x
96-3/4	3/4"	10"	7/8"	x	x

2404 Leatherette Roll.



Showing How the Sets Appear in
Leatherette Rolls

No. 86A--Special Cold Chisels

Cat. No. Regular	Cat. No. Ex. Special	Stock	Cut	Length	*Set No. 86AA	*Set No. 86AB	*Set No. 86AC
86 3/16		3/16"	7/16"	4 1/4"			
86 1/4	86A 1/4	1/4"	9/16"	4 1/4"	x	x	x
86 5/16	86A 5/16	5/16"	5/8"	5"	x	x	x
86 3/8	86A 3/8	3/8"	1/16"	5 1/2"	x	x	x
86 7/16	86A 7/16	7/16"	1/2"	6"	x	x	x
86 1/2		1/2"	5/8"	6"			
86 1/2x8		1/2"	3/4"	6 1/4"			
86 5/8x6 1/2		5/8"	3/4"	7"			
	86A 1/2	1/2"	3/4"	7"	x	x	x
86 5/8x8	86A 5/8x8"	5/8"	3/4"	8"	x	x	x
86 5/8x12		5/8"	3/4"	12"			
86 3/4x7		3/4"	7/8"	7"			
86 3/4x8	86A 3/4x8"	3/4"	7/8"	8"	x		x
86 3/4x12	86A 3/4x12"	3/4"	7/8"	12"		x	x
86 7/8x8	86A 7/8x8"	7/8"	1"	8"			
86 7/8x12	86A 7/8x12"	7/8"	1"	12"			x
86 1x8	86A 1"x8"	1"	1 1/16"	8"			
	86A 1"x12"	1"	1 1/16"	12"			
86 1 1/4x12		1 1/4"	1 1/2"	12"			
2404 Leatherette Roll							
*Sets in 86A Series only.					x	x	x



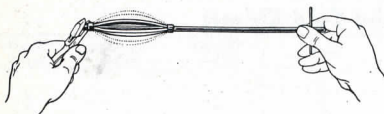
No. 2370—Packing Hook



No. 2371—Packing Hook



No. 2372—Packing Hook



No. 2335—Valve Guide Cleaner



No. 2337—Flexible Carbon Scraper

No. 2381—Slightly Curved Blade



No. 2382—Offset Curved Blade



Back View of Blade



No. 2311—Adjustable Ring Groove Cleaner

No. 2312—Extra Cutter



No. 2336—Gasket Scraper

Packing Hooks

No. 2370—Length 8", 90° hook.

No. 2371— $\frac{1}{4}$ " stock, $12\frac{1}{4}$ " long, curved as shown.

No. 2372— $\frac{5}{16}$ " stock, $14\frac{1}{8}$ " long, curved as illustrated.

Valve Guide Cleaners

No. 2335—A marvelous new valve guide cleaner that is adjustable, by simply turning nut, to all sizes of valve guides. It eliminates the necessity of buying many different sizes, is self-sharpening, and can be adjusted to give any scraping strength desired. Four spring steel blades are crimped to cut with forward edges only. Length, 9 $\frac{3}{4}$ ".

Flexible Carbon Scrapers

No. 2337—The 10 flexible blades of round spring steel conform to any surface, scraping clean in angles and on rounded surfaces. Sliding band regulates flexibility of edge. Finest steel, carefully heat-treated. 1" wide, 9" overall length.

Bearing Scrapers

Finest Steel, Carefully Heat-Treated
They will hold their perfect cutting edges indefinitely when used on babbit, bronze or cast bearings. Won't chatter.

No.	Description	Overall Length
2381	Blade $\frac{1}{2}$ " x $2\frac{3}{4}$ " slightly curved	11"
2382	Blade $\frac{1}{2}$ " x $2\frac{3}{4}$ " offset and curved	11"
2383	Blade $\frac{1}{16}$ " x 4", offset and curved	12"
2384	Blade $\frac{3}{8}$ " x 5", offset and curved	16 $\frac{3}{4}$ "

2380A Set for Industrial Uses Being Nos.
2382, 2383, 2384

Adjustable Ring Groove Cleaners

No. 2311—Cleans $\frac{3}{16}$ ", $\frac{1}{8}$ ", $\frac{5}{16}$ " and $\frac{3}{4}$ " grooves with single tool. 4-way cutter is finest alloy steel. Can be resharpened with file. Spring steel handle adaptable to any piston with grooves these sizes. Complete with cutter. No. 2312—Extra Cutter.

Gasket Scrapers

No. 2336—Has many uses, such as scraping carbon, cutting wood, etc., but is made especially for cleanly removing shellacked gaskets from oil pans and flanges. Riveted pin passes through cap, handle and shank. Blade $1\frac{1}{16}$ " wide; overall length, 11".

No. 27 — Ripping Chisels

Long, tough, heavy-duty chisels popular with carpenters and plumbers. Stand up under rough, hard usage. Curved blade gives knuckle clearance.

No.	Stock	Cut	Length
27	3/4"	1 1/4"	17"

No. 37 — Soil Pipe Chisels

In great demand for the difficult job of cutting soil pipe. Rounded edge gives maximum cutting surface at point of contact, regardless of angle of chisel. Cuts soil pipe quicker and easier than a regular cold chisel.

37	1 1/2"	5/8" Cut	5 1/2"
37	5/8"	3/4" Cut	6"
37	3/4"	7/8" Cut	6 1/2"
37	7/8"	1" Cut	7"

No. 4 — Plugging Chisels

No.	Stock	Blade	Length
4	5/8"	1 1/4" Cut	10"

No. 5 — Floor or Wood Chisels

These all-steel wood chisels stand up under cutting conditions that wreck ordinary carpenters' wood chisels.

No.	Stock	Width of Cut	Blade Length	Overall Length
5 1/16	7/16"	5/8"	4 1/4"	10"
5 1/2	1 1/8"	3/4"	4 3/8"	10"
5 5/8	5/8"	1"	4"	10"
5 3/4	3/4"	1 1/16"	4 1/8"	10"

No. 62 — Flat Tile Chisels

Hand-forged from selected steel and heat-treated to cut any type of glazed tile.

No.	Stock	Cut	Length
62	1/4"	9/32"	5"

Lead Picking Tools

New and modern in design that gives them a wide preference over similar types now on the market.

No.	Stock	Length
111L	3/4"	8 1/2"
111R	3/4"	8 1/2"
LPI	1/2"	9"

Straight Pattern



No. 27 Ripping Chisels



No. 37 Soil Pipe Chisels



No. 4 Plugging or Mortar Chisels



No. 5 Floor or Wood Chisels



No. 62 Flat Tile Chisels



111 R



111 L



No. LP Lead Picking Tools



No. 50 Solid Punches. See Pages 74 and 75



No. 47 Pin or Rivet Punches. See Pages 74 and 75



No. 44 Prick Punches. See Pages 74 and 75



No. 13 Plomb Star Drills



No. 13P Paschall Star Drills



No. CG Concrete Gads or Bull Points



No. 38 Screw Driver Bits



No. 35 and 36 Offset Screw Drivers. See Page 53

No. 13 — Plomb Star Drills

These supreme quality hand-forged star drills are made from fatigue- and shock-resisting alloy steel. Absolutely guaranteed against breakage in service. Wings have proper filet and taper for maximum strength, long enough to permit sharpening with file or grinding back on water-cooled grindstone, yet not long enough to bind in hole. They center easily.

No.	Stock	Cut	12" Long
13	1/4"	1/4"	x
13	1/4"	5/16"	x
13	5/16"	3/8"	x
13	3/8"	7/16"	x
13	3/8"	1/2"	x
13	7/16"	3/8"	x
13	1/2"	3/4"	x
13	5/8"	7/8"	x
13	3/4"	1"	x
13	7/8"	1 1/8"	x
13	7/8"	1 1/4"	x

No. 13P — Paschall Star Drills

Made for the customer who wants a good drill at a low price. For all ordinary purposes these are the best star drills offered for the money by any manufacturer.

No.	Stock	Cut	Length
13P	1/4"	1/4"	12"
13P	1/4"	5/16"	12"
13P	5/16"	3/8"	12"
13P	3/8"	7/16"	12"
13P	3/8"	1/2"	12"
13P	7/16"	3/8"	12"
13P	1/2"	3/4"	12"
13P	5/8"	7/8"	12"
13P	3/4"	1"	12"

No. CG — Concrete Gads

Gradual taper facilitates entrance of gad into pavement. Will not wedge in. Heat-treated to make them withstand an enormous amount of pounding through concrete.

CG	3/4"	-----	12"
CG	7/8"	-----	12"
CG	1"	-----	12"
CG	1 1/4"	-----	12"

No. 38 — Screw Driver Bits

Forged of special alloy steel; will not break. Ground true to size and carefully heat-treated. Square taper hand-forged to fit standard bit brace chuck. The best screw driver bits made.

38	3/32"	1/4" Bit	4 1/2"
38	5/16"	5/16" Bit	4 1/2"
38	5/16"	3/8" Bit	4 1/2"
38	3/8"	1/2" Bit	4 1/2"

Scratch Awls

No.	Size	Stock	Length	Wt. Doz.
18	$\frac{3}{16}$ "	Square	7"	2 $\frac{1}{4}$ lbs.
19	$\frac{3}{16}$ "	Oct.	7"	$\frac{3}{4}$ lbs.

No. 23—Brick Sets

Forged from one piece of steel, instead of having handle welded on, as in most brick sets on the market.

No.	Width Cut	Length
23	3 $\frac{1}{2}$ "	6 $\frac{3}{4}$ "
23	4"	7 $\frac{1}{4}$ "

No. 139—Spud Wrenches

Forged from spring steel. Light and handy. Not heat-treated, so jaws can be hammered closer together or spread if necessary. Far superior to the cheap, heavy cast wrenches usually offered to the trade. For use on 1 $\frac{1}{2}$ " or 2" spuds.

No. 139—2"x2 $\frac{1}{2}$ " openings; 10 $\frac{1}{2}$ " long.

No. 141—Spud Chucks

A wrench or holder for hollow work such as closet spuds of all sizes, sink and tray strainers, plugs, bath or basin fittings, etc. Expanded full $\frac{1}{4}$ " by eccentric spindle. Holds positively. Slips into 1", 1 $\frac{1}{8}$ ", 1 $\frac{1}{4}$ ", 1 $\frac{1}{2}$ " and 2" when closed.

No. 6—Spring Yarning Irons

Blade is spring steel and is slightly offset for clearance.

No.	Stock	Width	Length
6	$\frac{1}{2}$ "	1 $\frac{1}{32}$ "	11 $\frac{1}{2}$ "
6	$\frac{1}{2}$ "	1 $\frac{1}{32}$ "	18"
6	$\frac{5}{8}$ "	1 $\frac{1}{16}$ "	12"
6	$\frac{5}{8}$ "	1 $\frac{1}{16}$ "	18"
6	$\frac{3}{4}$ "	$\frac{3}{4}$ "	14"

No. 14—Offset Yarning Irons

No.	Stock	Width	Length
14	$\frac{1}{2}$ "	1 $\frac{1}{32}$ "	11 $\frac{1}{2}$ "
14	$\frac{5}{8}$ "	1 $\frac{1}{16}$ "	9"
14	$\frac{5}{8}$ "	1 $\frac{1}{16}$ "	12"
14	$\frac{5}{8}$ "	1 $\frac{1}{16}$ "	18"
14	$\frac{3}{4}$ "	$\frac{3}{4}$ "	14"

No. B1—Bending Irons

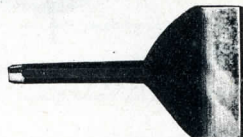
No.	Stock	Width	Length
BI-8	$\frac{1}{2}$ "	*****	10"
BI-9	$\frac{5}{8}$ "	*****	10"



No. 18—Scratch Awl



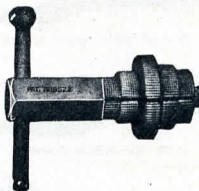
No. 19 Scratch Awl



No. 23 Brick Sets



No. 139 Spud Wrenches



No. 141 Spud Chucks



No. 6 Spring or Packing Yarning Irons



No. 14 Offset Yarning or Packing Irons



No. B1 Bending Irons



No. 20 Elbow Calkers



No. 21 Pony Calkers



No. 31 Short Gasket Calkers



No. 131 Long Gasket Calkers



No. 033 Offset Calkers



No. 33 Long Calkers



No. 108 Water Main Calkers



No. CC Ceiling Calkers



No. RL Right and Left Calkers



110



No. 136 Tubing Expanders

Plumbing Tools

No. 20—Elbow Calkers

The 45° angle gets into places inaccessible to Nos. 31 and 33 calkers, described below. Ground straight.

No.	Stock	Blade	Length
20-1/2	1/2"	1 1/16" Wide	4 3/4"

No. 21—Pony Calkers (Pair)

21-1/2	1/2"	3/4" Wide	3"
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Gasket Calkers

31-5/8	5/8"	Short	6 1/4"
31-3/4	3/4"	Short	7"
131-5/8	5/8"	Long	9 1/2"
131-3/4	3/4"	Long	10"

No. 033—Offset Calkers (Pair)

No.	Stock	Blade	Length
033-1/2	1/2"	3/4" Wide	5 3/4"
033-5/8	5/8"	7/8" Wide	6 1/4"
033-3/4	3/4"	1" Wide	7"

No. 33—Long Calkers (Pair)

Used for calking lead in hub of soil pipe. Ground both inside or outside; concave blades fit 4" pipe.

33-1/2	1/2"	3/4" Wide	5 1/2"
33-5/8	5/8"	7/8" Wide	5 3/4"
33-3/4	3/4"	1" Wide	6 1/4"

Water Main Calkers

Do a good, fast job of calking joints in heavy cast iron water mains. Ground square; handle offset for knuckle clearance.

108-5/8	5/8"	5/8"x1"	8"
108-1/2	1/2"	1/2"x1"	8"
108-3/8	3/8"	3/8"x1"	8"
109-1/4	1/4"	1/4"x1"	8"

No. CC—Ceiling Calkers

CC	5/8"		9"
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No. RL—Right and Left Calkers

Calk joints near walls or in corners where Nos. 31 or 33 calkers cannot be used. Made both right and left, ground either inside or outside. Come in pairs.

RL	5/8"		9"
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Broad Curved Nose Calking Iron

No.	Stock	Width	Length
110-5/8	5/8"	1 1/2"	8"

Tubing Expanders

No.	Length	Steps	Expands Pipe to
136	3 1/2"	3	1 1/4", 1 1/2", 1 3/4"

GUARANTEE: Plomb Tools are forged from the finest steels, scientifically heat-treated. They are guaranteed to perform the work for which they are designed and intended to be used, and to last as long as is consistent with ordinary wear and tear. Any Plomb Tool that may be found defective in workmanship or material, and is returned to the factory, charges prepaid, will, at our option, be replaced, or repaired, or credited at current prices.

